

## Recombinant, Purified Proteins, Enzymes & Growth Factors

### Recombinant Bacterial & Viral Antigens (see details at the web site)

Borellia protein	Borrelia p41
Chagas protein	Chagas TcF Antigen
Chlamydia Trachomatis	HSP70 (462-503), HSP70 (549-660), PGP3-D, W2, W3-W6, W4, W4-W5, W5, W5-W6 Proteins
Cytomegalo Virus (CMV)	gB , Mosaic , pP150(UL32) , pP28 (UL99) , Pp38 (UL80a), pP52 (UL44) , pP65(UL83 Proteins
Dengue Virus	NS1 c-end Type 2, NS1 n-end Type 2, NS3 Type 1 proteins
Encephalitis Virus (JEV)	CE/gE,Core,gE ,gE C-end (296-414),gE middle (50-250),NE/gE ,NE/GE/CE/gE,NS3,preM
Epstein-Barr Virus (EBV)	(HHV-4) Early Antigen,(HHV-4) Mosaic EBNA1,(HHV-4) Mosaic p18,(HHV-4) p18,(HHV-4) p23
Hepatitis A Virus	P2C, P2C-P3A, P2C-P3B, P3C, VP1, VP1-VP2a, VP3,-VP4 proteins
Hepatitis B Virus Surface Antigens	Subtypes Adr (CHO, yeast), adw, ayw (pichia, yeast), preS1, preS-2
Hepatitis B Virus	Core 1 (1-183, 1-86), core delta, HBe, HBx,
Hepatitis C Virus	Nucleocapsid (core) Genotypes-1b ,-2a,-2b, -3/10 ,3a ,3b ,4 , -5,-6a
Hepatitis D Virus	Hepatitis D Virus
Hepatitis E Virus (HEV)	Mosaic ORF2/3, ORF2 (4033-461, 452-617, 633-659), ORF3
Herpes Simplex Virus (HSV)	1 gD, 1, gG, 2gD, 2gG, 8 mosaic
Human Immunodeficiency Virus (HIV 1-2)	HIV (Type-O envelop, gp41); HIV 1 (p55 gag, p66, env288, env233, env, gag p17, p24, gp41, gp120, gp120 CM, LAV, MN, gp120 nef, gp160 LAV, hp41, nef, p24, p24 core, p31, pol integrase, TAT, clade C, HIV-2: (env, gp32, gp36,,
Human T-Lymphotropic virus (HTLV-1)	HTLV-1: (gp21, ggp46, mosaic, p24); HTLV-1+2
Influenza Virus	H1N1,H2N2, H5N1, H7N1, H9N2,
Malaria Proteins	Cs Mosaic, HSPs, CSP, HRP, SERA etc
Measles Virus	Measles Virus 399-325, Mosaic fusion proteins ((106-114,519-550), Hemagglutinin Mosaic (1-30,115-150,379-410), Large Polymerase (58-149 & 2059-2183), on-Structural C-Protein (1-51), Nucleocapsid
Rubella Virus	Capsid Protein C, E1 Mosaic, E2 proteins
SARS Virus	Spike Mosaic S(M), S(N), S(C), Coronavirus Env, Matrix, Nucleocapsid (1-49), (340-390), 1-422
Toxoplasma Gondii	MIC3, P24 (GRA 1), P29 (GRA 7), P29 (GRA 7), P30 (SAG 1), ROP4 RH2
Troponema Pallidium	P15, p17, p41, p47, TmpA
Varizella Zoster Virus	gE, ORF26, ORF9
West Nile Virus	Env, Pre-M Virus

### Recombinant Heat Shock Proteins(see details at the web site)

DnaJ, Dnak ATPase Binding Domain,Dnak Lid Covering Substrate, Dnak Substrate Binding Domain C-terminal Dnak,  
 Human hsp20, hsp22, hsp27, hsp70, hsp90, hsp104, ,GroEL, GroES, Heat Shock Protein Cofactor 70, Human Activator of HSP90

### Recombinant Protein Kinases (see details at the web site)

bovine Phosphoinositide 3-kinase alpha p110a/p85a, regulatory subunit  
 c-AMP dependant Protein Kinase A catalytic subunit alpha, 1-alpha, 2-alpha, C-Jun  
 Phosphoinositide 3-kinase beta P110β/p85a, p110d/p85a, p110g, p110g inactive mutant  
 Activating Transcription Factor-2, Active Focal Adhesion Kinase, AKT1  
 Camp Responsive Element Binding Protein, Casein Kinase 2 alpha, -beta, Holoenzyme, c-erbB2  
 Creatine Kinase BB Isoenzyme, MB Type 1-2, MM Type-1 & 3, C-SRC, cyclin-C  
 Creatine Kinase BB Isoenzyme, MB Type-1 & 2, MM Type-1 & 3, cyclin-dependent kinase 4, -8, Inhibitor 2A  
 C-SRC, cyclin-C, cyclin-dependent kinase 4, -8, 2A  
 ELK-1, Epidermal Growth Factor Receptor (ErbB1), ERK1/MAPK3 Active Enzyme

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### Recombinant Protein Kinases (see details at the web site)

ERK2/MAPK1 Active Enzyme, Eukaryotic Initiation Factor 2-alpha , Fibroblast Growth Factor Receptor-1, -2, -3, -4
Hexokinase-1, -2, -3, -4, Insulin Like Growth Factor-I Receptor, JNK2/SAPK1, Jun N-terminal kinase 2, alpha 1, -2
Lymphatic Endothelial Hyaluronan Receptor-1, Lymphatic Vessel Endothelial Hyaluronic Acid Receptor 1, Sf9
NCK2, p38 alpha/SAPK2 alpha, Peroxisome Proliferator Activated Receptor Gamma
Phosphoinositide 3-kinase p110gHis/p101GST, Phosphoserine Phosphatase
Protein Kinase Akt1/PKB alpha Active Enzyme, Protein Kinase C alpha, -beta 1, beta 2, delta, e, gamma, Inhibitor Protein-1, C q
Protein kinase Casein Kinase 2 alpha, His Tag; Protein Phosphatase 2C alpha, Protein Tyrosine Phosphatase 1B
SHP-1; STAT1, STAT3, Thiopurine S-methyltransferase, TIE-1 Fc Chimera, TIE-2 Fc Chimera
Tumour Type M2 Pyruvate Kinase, Tyr-3/Trp- 5 Monooxygenase Activation Protein, Epsilon & Tau
Tyrosine Kinase ErbB-2 & ErbB-3
Vascular Endothelial Growth Factor receptor-1, D1-3, D1-4, D1-5, D1-7, Vascular Endothelial Growth Factor receptor-2, Fc Chimera
Vascular Endothelial Growth Factor receptor-3, Fc Chimera, Mouse Lymphatic Vessel Endothelial Hyaluronic Acid Receptor 1, Sf9
Mouse TIE-1 Fc Chimera, Mouse TIE-2 Fc Chimera, Protein Kinase A Inactive holoenzyme type 1 alpha, type 2 alpha, regulatory subunit-1 alpha, Zea Mays Casein Kinase 2 alpha

### Recombinant Human Serum and Cellular Proteins (see details at the web site)

Bacterial Outer Membrane Protein-A, Bovine Aprotinin, Bovine Trypsin
Drosophila melanogaster GAGA-POZ, ESAT-6, Glutathione S-Transferase , Hirudin
Actin Gamma 1; Actin-Like 6A, Adipose Differentiation-Related Protein, ALK-P80, Alpha-Internexin, Alpha-Synuclein
Amyloid P Component, Angiostatin Kringles 1-3, Annexin 7 & 9, Anterior Gradient Protein 2 Homolog
APO-D, Assembly Protein Complex 2 & 3, Autophagy Related 5, b2 Glycoprotein-I, B2 Microglobin
BAD, Bcl-2 (1-218), Bcl-2 Alpha, Bcl-6; Beta-Synuclein, Beta-Trace, BP-1
Cadherin-E, Human Cadherin-N, Calmodulin, Carcinoembryonic Antigen
Cardiac Troponin I-C Complex, I-T-C Complex, Troponin-C, Troponin-I; Cathepsin-D, Cathepsin-L, Cavedin-3
Cbp/p300-Interacting TransActivator/MSP-1; CCAAT/enhancer binding protein(C/EBP) Alpha, Gamma
CCAAT/enhancer binding protein(C/EBP) Gamma
<b>CD10, CD11b, CD14, CD146, CD147, CD1A, CD2, CD21, CD23, CD25, CD29, CD31, CD34, CD38, CD43, CD45, CD52, CD56, CD68, CD7, CD72, CD9, CD95, CD99</b>
Cell Division Cycle 6, Centromere Protein-A & B, Chromagranin A; Collagen-1, -3, VI; Collapsin Response Mediator Protein-1
C-Reactive Protein; C-terminal hemopexin-like domain of MMP-2 (445-635 a.a.); Cytokeratin 8, -14, -18, 19, 20;
D4-GDI, Desmin, DJ-1, Down Syndrome Critical Region 1; Endostatin, Ephrin A1, A4, B1, B3, E-Selectin
Estrogen Receptor Alpha, Ets-1, Factor VIIa; Factor VIII, Factor VIII Related Antigen
fast skeletal Troponin 1, Fatty Acid Binding Protein-1, -3, -4, -5; Filaggrin, FOS-B, Fragile Histidine Triad
Fyn-p59, GADD153, Gamma-Synuclein; Gelatin, Geminin; Glomerular Basement Membrane, Gross Cystic Disease Fluid Protein-15
Haptoglobin, High-Mobility Group Box 1; Hypoxia-Inducible Factor-1 Alpha, Intercellular Adhesion Molecule-1
Intrinsic Factor, Involucrin, IPP-POZ, IRF4 / MUM-1, Keratin-8
Killer Cell Immunoglobulin-Like Receptor, 2 Domains Long Cytoplasmic Tail 1 & 3; Short Cytoplasmic Tail 4, Long Cytoplasmic Tail 1
Ku P70/P80, LA / SS-B; Leukocyte-Associated Ig-Like Receptor 1, Like Collagen; Lipopolysaccharid Binding Protein, L-Selectin
MAGE-1, Mammaglobin, MART-1/Melanocyte Differentiation-A; Melanoma (gp100), MHC class I chain-related gene A & B
Microphthalmia, MutL Homolog-1 & 2; Myoblast Determination Protein 1, Myogenic Factor-4
Myoglobin, Myoglobin Heme free, Natural Cytotoxicity Receptor NKp46

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### Recombinant Human Serum and Cellular Proteins (see details at the web site)

Non-Muscle Myosin-II Regulatory Light Chain, Osteocrin, P21-WAF1
P504/alpha Methylacyl CoA Racemase; p53, p53 Mutant, p63, Pancreas S Duodenum Homeobox-1
Pancreatitis-Associated Protein-1 , Peripherin, p-Glycoprotein/MRP, PGR, PM/Scl 100, Procathepsin K
Proliferating Cell Antigen (PCNA), Prostate Specific Gene-1; P-Selectin, PTEN
Ras-Related C3 Botulinum Toxin substrate 1, Recoverin, Regenerating Protein 1 alpha, -beta, & IV;
Retinoblastoma Associated Protein, Retinoid X Receptor Alpha; Ribosomal Phosphoprotein P0
RO-52/SS-A, RO-60/SS-A; S100A1, S100A10, S100A11, S100A4, S100b, S100P, S100Z
Secreted Protein Acidic & Rich in Cysteine, Sentrin-2
Serum Albumin, Serum Albumin mammalian derived, Small Ubiquitin-Related Modifier 1 & 2; Stefin A; Superoxide Dismutase
Synaptobrevin-1 & 2; Synaptosomal-associated protein 25kDa, Syndecan-4, Syntaxin-1A, Thioredoxin; Thrombospondin
Thyroid Transcription Factor-1, Transcription Factor Binding to ighm Enhancer 3
Transforming Growth Factor Beta Induced protein, TransGlutaminase-2, Tumor Protein D52 L1, U1-snRNP 68kDa
Ubiquitin, Ubiquitin Carboxyl-Terminal Hydrolase L1 , Ubiquitin Carboxyl-Terminal Hydrolase L1 GST tag
Ubiquitin Gly76 to Ala76 mutation, Ubiquitin Lys 48 to Arg 48 mutation, Uroklakin-3
Vascular cell adhesion molecule 1, Ventricular Myosin Light Chain LCII
Vimentin, Von Hippel-Lindau Protein, Yamaguchi Sarcoma Virus Oncogene Homolog 1
Zeta Chain Associated Protein kinase 70, Zinc-Alpha 2 Glycoprotein, Zona Occludens 1
Limulus Antilipopolysaccharide Factor, Listeriolysin-O, Listeriolysin-O PEST-free
Single Chain Cardiac Troponin I-C , Single Chain Cardiac Troponin I-C 2nd generation
Spectrin-alpha, Staphylococcal Protein-, Streptavidin-NC, Synaptosomal-associated protein 25kDa, C.elegans
Thioredoxin, Tobacco Etch Virus Protease, Yeast Thioredoxin, Protein G

### Recombinant Human Serum and Cellular Proteins (see details at the web site)

#### Mouse & Rat Recombinant Proteins: Mouse Bax; Mouse CD14; Mouse Lipopolysaccharid Binding Protein

Mouse Schmidt-Ruppin A-2 (SH3 Domain); Murine Calretinin, Rat Calbindin D-28K, Rat Calbindin D-29K
Rat Calbindin D-9K; Rat Cystatin C; Rat Parvalbumin, Rat Receptor Associated Protein; Rat Tropic 1808

### Recombinant Human Chemokines (see details at the web site)

Epithelial Neutrophil-Activating Protein 78 (CXCL5), Eotaxin (CCL11), Eotaxin (CCL11), His Tag
Exodus-2 (CCL21), Fractalkine (CX3CL1), GRO-alpha (CXCL1), GRO-beta/MIP-2 (CXCL2), GRO-gamma (CXCL3)
HCC-1 (CCL14), I-309 (CCL1), Interleukin-8 (1-72) (CXCL8), (1-77)
IP-10 (CXCL10)IP-10 (CXCL10), I-TAC (CXCL11), I-TAC (CXCL11), Lymphotactin (XCL1)
Macrophage Inflammatory protein-1 alpha (CCL3), 1 beta (CCL4), 3 beta (CCL19), 4 (CCL18), MIG (CXCL9)
Monocyte Chemotactic Protein-1/MCAF (CCL2), 2 (CCL8), 3 (CCL7), 4 (CCL13)
Neutrophil Activating Protein-2 (CXCL7), Rantes (CCL5); Stromal Cell-Derived Factor-1 alpha (CXCL12), 1 beta (CXCL12)

### Recombinant Mouse/Rat Chemokines (see details at the web site)

Mouse GRO/KC (CXCL1), Mouse GRO-beta/MIP-2 (CXCL2), Mouse IP-10 (CXCL10)
Mouse Macrophage Inflammatory protein-3 beta (CCL19), Mouse MIG (CXCL9), Murine C-10 (CCL6); Murine Eotaxin (CCL11)
Murine Macrophage Inflammatory protein-1 alpha (CCL3); Murine Monocyte Chemotactic Protein-1 (CCL2)
Murine Monocyte Chemotactic Protein-3 (CCL7), Murine Stromal Cell-Derived Factor-1 alpha (CXCL12) & 1 beta (CXCL12)
Porcine Interleukin-8 (1-72) (CXCL8); Rat GRO-beta/MIP-2 (CXCL2), Rat Macrophage Inflammatory protein-1 alpha (CCL3)

### Recombinant Human Hormones (see details at the web site)

Recombinant Exendin-4, Agouti-Related Protein, Amylin, Chorionic Gonadotropin
Follicle Stimulating Hormone, Glucagon, Glucagon Like Peptide-1 (7-36)
Inhibin A alpha Chain, Inhibin Beta A Chain, Leutenizing hormone Releasing Hormone (Gonadorelin), Oxyntomodulin
Parathyroid Hormone (1-34), Parathyroid Hormone (1-84), Parathyroid Hormone (7-34)
Procalcitonin, Proguanylin, Prouroguanylin, Thyroid Stimulating Hormone
Thyrostimulin Alpha, Beta, Recombinant Stanniocalcin-1 & 2