

RECOMBINANT PROTEINS

Affinity purified recombinant proteins expressed in *E.coli*.

More than 95% pure as determined by SDS-PAGE

Suitable for immunoassay development

Minimal batch to batch variability

ORDERING INFORMATION:

Cat. No.	Product	Description	Buffer	Applications
RP-001	HIV-1 gp41	Immunoreactive with sera from HIV-1 infected individuals as determined by ELISA, Western Blot, Lateral flow test and spot test.	6M Urea, 50mM Tris; pH: 7.9	ELISA, Western Blotting, Rapid detection test kit.
RP-002	HIV-1 gp120	Immunoreactive with sera from HIV-1 infected individuals as determined by ELISA, Western Blot and spot test.	6 M Urea, 50mM pH: 7.9	ELISA, Western Blotting, Rapid detection test kit.
RP-003	HIV-1 p24 gag	Immunoreactive with sera from HIV-1 infected individuals as determined by ELISA, Western Blot and spot test.	6MUrea,50mM pH: 7.9	ELISA, Western Blotting, Rapid detection test kit.
RP-037	HIV-1 p24 Antigen	Immunoreactive with sera from HIV-1 infected individuals as determined by ELISA, Western Blot and spot test.	6 M Urea, 50mMpH: 7.9	ELISA, Western Blot, Rapid detection test kit
RP-004	HIV-2 gp36	Immunoreactive with sera from HIV-1 infected individuals as determined by ELISA, Western Blot, Lateral flow test and spot test.	6 M Urea, 50mM pH: 7.9	ELISA, Western Blot, Rapid detection test kit.
RP-005	Chikungunya E1	Immunoreactive with sera from Chikungunya virus infected individuals as determined by ELISA and Western Blot.	6 M Urea, 50mM pH: 7.9	ELISA, Western Blot, Rapid detection test kit.
RP-006	Chikungunya E2	Immunoreactive with sera from Chikungunya virus infected individuals as determined by ELISA and Western Blot.	6 M Urea, 50mM pH: 7.9	ELISA, Western Blot, Rapid detection test kit.
RP-011	HCV Fusion protein	<i>E.coli</i> derived recombinant protein containing immunodominant regions of core, E2/NS1, NS3, NS4 and NS5. Immunoreactive with sera from HCV infected individuals.	6 M Urea, 50mM Tris; pH: 7.9	ELISA, Western Blotting, Rapid detection test kit.
RP-012	Dengue virus Envelope polyvalent-1	<i>E.coli</i> derived recombinant protein containing immunodominant regions of Envelop of all 4 serotypes dengue virus	6 M Urea, 50mM pH: 7.9	ELISA, Western Blotting, Rapid detection test kit.
RP-013	Dengue virus Envelope polyvalent-2	<i>E.coli</i> derived recombinant protein containing immunodominant regions of Envelop of all 4 serotypes dengue virus	6 M Urea, 50mM Tris; pH: 7.9	ELISA, Western Blotting, Rapid detection test kit.
RP-023	Dengue virus-2 NS1 protein	<i>E.coli</i> derived recombinant Non Structural protein-1 (NS1) of dengue virus type 2.	6 M Urea, 50mM Tris; pH: 7.9	ELISA, Western Blotting, Rapid detection test kit.
RP-029	Dengue virus-2 NS1 protein synthetic	<i>E.coli</i> derived recombinant Non Structural protein-1 (NS1) of dengue virus type 2.	6 M Urea, 50mM Tris; pH: 7.9	ELISA, Western Blotting, Rapid detection test kit.

RP-026	WNV Envelope	<i>E.coli</i> derived, recombinant protein containing domain II of West Nile Virus Envelope.	6 M Urea, 50mM Tris; pH: 7.9	ELISA, Western Blotting, Rapid detection test kit.
RP-017	PfLDH	<i>E.coli</i> derived recombinant LDH of <i>Plasmodium falciparum</i> .	6M Urea, 50mM pH: 7.9	ELISA, Western Blotting
RP-018	PfHRP-II	<i>E.coli</i> derived recombinant LDH of <i>Plasmodium falciparum</i> .	6 M Urea, 50mM pH: 7.9	ELISA, Western Blotting
RP-022	PvMSP1	<i>E.coli</i> derived recombinant Merozoite surface protein-1 of <i>Plasmodium vivax</i> . Reacts with antibodies to MSP-1 as determined by Western Blot.	6 M Urea, 50mM pH: 7.9	ELISA, Western Blotting, Rapid detection test kit.
RP-031	PvCSP	Recombinant Circumsporozoite surface protein (CSP) of <i>Plasmodium vivax</i> expressed in <i>E.coli</i> .	6 M Urea, 50mM pH: 7.9	ELISA, Western Blotting, Rapid detection test kit.
RP-019	Syphilis 15KDa	15KDa antigen of <i>Treponema pallidum</i> . Immunoreactive with human syphilitic sera.	6 M Urea, 50mM pH: 7.9	ELISA, Western Blot, Rapid detection test kit.
RP-020	Syphilis 17KDa	17KDa antigen of <i>Treponema pallidum</i> . Immunoreactive with human syphilitic sera.	6 M Urea, 50mM pH: 7.9	ELISA, Western Blot, Rapid detection test kit.
RP-021	Syphilis 47KDa	17KDa antigen of <i>Treponema pallidum</i> . Immunoreactive with human syphilitic sera.	6 M Urea, 50mM pH: 7.9	ELISA, Western Blot, Rapid detection test kit.
RP-025	M-MLV Reverse transcriptase	<i>E.coli</i> derived, modified Moloney Murine Leukemia Virus Reverse transcriptase. This enzyme has a weak 5'–3' Ribonuclease-H activity.	50mM Tris-HCl, NaCl, 0.1%TritonX-100, 2MmDTT,1mM EDTA and 50% glycerol.	cDNA Synthesis and RT –PCR, primer extension
RP-014	Protein A	Protein A of <i>Staphylococcus aureus</i> lacking the albumin binding region expressed in <i>E.coli</i> as soluble protein. Reacts with IgG of human, rabbit and mouse.	PBS; pH: 7.4	Western blotting, ELISA, IHC, affinity purification and other immunoassay protocols.
RP-015	Protein G	Streptococcal Protein G lacking the albumin binding region expressed in <i>E.coli</i> as soluble protein. Reacts with IgG of human, rabbit, mouse and goat.	PBS; pH: 7.4	Western blotting, ELISA, IHC, affinity purification and other immunoassay protocols.
RP-016	Protein L	Protein L of <i>Peptostreptococcus magnus</i> expressed in <i>E.coli</i> as soluble protein. Reacts with Immunoglobulin light chain κ of human, mouse and rat.	PBS; pH: 7.4	Affinity purification and other immunoassay protocols
RP-024	Streptavidin	<i>E.coli</i> derived recombinant Streptavidin of <i>Streptomyces avidinii</i> .	20mM Tris; pH: 7.5	As a tool for solid phase technology and universal detection systems in immunology and molecular diagnostics.

RP-027	Nuclease	Nuclease of <i>Serratia marcescens</i> expressed in <i>E.coli</i> . One unit will digest sonicated salmon sperm DNA to acid-soluble oligonucleotides equivalent to a ΔA_{260} of 1.0 in 30 min at pH 8.0 at 37 °C.	50% Glycerol, 50 mM Tris HCl, pH 8.0, 1 MgCl ₂ and 0.1 mg/ml BSA	Viscosity reduction in protein extracts, Sample preparation for 2D gel electrophoresis, Removal of nucleic acid contaminants from recombinant protein preparations.
RP-040	RNase inhibitor	<i>E.coli</i> derived recombinant human placental ribonuclease inhibitor which specifically inhibits ribonucleases (RNases) A, B and C	50mM Tris-HCl, 0.1M NaCl, 2MmDTT, 1Mm EDTA and 50% glycerol.	cDNA synthesis and RT PCR, RNA characterization and modification
RP-032	Human rIFN γ	<i>E.coli</i> derived recombinant human Interferon- γ (IFN- γ).	PBS; pH: 7.4	Cell culture
RP-034	Human rGrowth hormone	<i>E.coli</i> derived recombinant human Growth hormone.	PBS; pH: 7.4	Cell culture
RP-035	Human rGMCSF	<i>E. coli</i> derived recombinant human Granulocyte Macrophage colony stimulating Factor (GM-CSF)	PBS; pH: 7.4	Cell culture
RP-039	Human rIL-6	<i>E. coli</i> derived recombinant human IL-6.	50mM Tris; 0.5MNaCl pH: 7.9	Cell culture
RP-036	Mouse rGMCSF	<i>E. coli</i> derived recombinant mouse Granulocyte Macrophage colony stimulating Factor (GM-CSF)	PBS; pH: 7.4	Cell culture