

Recombinant Full Length Rat Receptor-Type Tyrosine-Protein Phosphatase Alpha(Ptpa) Protein, His-Tagged

Cat. No. RFL18512RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat Receptor-type tyrosine-protein phosphatase alpha(Ptpa) Protein (Q03348) (20-796aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Full Length of Mature Protein (20-796)
Form	Lyophilized powder
AA Sequence	NNTTTSVPSLGTTRLIKTSTTESAKEENKTSNSTSSVISLSVTPTFSPNLTLEPTYVTT VNSSHSDNGTKRAASTESGGTTISPNGTYGTWLTNDQFTDARTEPWEGNSSSAAT TPETFPPADETPIIAVMVALSSLLVILFIIIVLYMLRFKKYKQAGSHSNSFRLSNGRTED VEPQSVPLLARSPSTNRKYPPLPVDKLEEEINRRMADDNKLFFREEFNALPACPIQAT CEAASKEENKEKNRYVNLLPYDHSRVHLTPVEGVDPDSYINASFINGYQEKNKFIAA QGPKEETVNDFWRMWEQNTATIVMTNLKERKECKCAQYWPDQGCWPYGNVRV SVEDVTVLVDYTVRKFCIQVGDVTNRKPQRLITQFHFTSWPDFGVPFTPIGMLKFL KKVKACNPQYAGAIVVHCSAGVGRTGTFVVIDAMLDMMHSEKVDVYGFVSRIRAQ RCQMVQTD MQYVFIYQALLEHYLYGDTELEVTS LDTHLQKIYNKIPGTSNNGLEEEF KKLTSIKIQNDKMRTGYLPANMKKNRVLQIIPYEFNRVIVPKRGEENTDYVNASFIDP YRQKDSYIASQGPLLHTTEDFWRMIEWWKSCSIVMLTELEERGQEKCAQYWPSDG

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LVSYGDITVELKKEEECESYTVRDLLVTNTRENKSRQIRQFHFHGWPEVGIPSDGKG
MINIIAAVQKQQQQSGNHPITVHCSAGAGRTGTFCALSTVLECVKAEGILDVFQTVKT
LRLQRPHMVQILEQYEFQYKVVQEYIDAFSDYANFK

Purity Greater than 90% as determined by SDS-PAGE.

Applications SDS-PAGE

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Storage Buffer Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name Ptpa

Synonyms Ptpa; Lrp; Receptor-type tyrosine-protein phosphatase alpha; Protein-tyrosine phosphatase alpha; R-PTP-alpha

UniProt ID [Q03348](#)

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