

Recombinant Full Length Rat Receptor-Type Tyrosine-Protein Phosphatase Epsilon(Ptpre) Protein, His-Tagged

Cat. No. RFL26749RF Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Rat Receptor-type tyrosine-protein phosphatase epsilon(Ptpre) Protein (B2GV87) (23-699aa), fused to N-terminal His tag, was expressed in E. coli.

Species Rat

Source E.coli

ProteinLength Full Length of Mature Protein (23-699)

Form Lyophilized powder

AA Sequence

NDTTPTESNWTSTTAGPPDPGTSQPLLTWLLLPLLLLLFLLAAYFFRFRKQRKAVVN
 SNDKKMPNGILEEQEQQRVMLLSRSPSGPKKYFPIPVEHLEEEIRVRSADDCKRFRE
 EFNSLPSGHIQGT FELANKEENREKNRYPNILPNDHCRVILSQLDGIPCSYINASYID
 GYKEKNKFIAAQGPKQETVNDFWRMVWEQRSATIVMLTNLKERKEEKCYQYWPDQ
 GCWTYGNIRVCVEDCVLVDYTIKFCIHPQLPDSCAPRLVSQLHFTSWPDFGVPF
 TPIGMLKFLKVKTLNPSHAGPIVVHCSAGVGRTGTFIVIDAMMDMIHSEQKVDVFEF
 VSRIRNQRPQMVQTDVQYTFIYQALLEYYLYGDTELDVSSLERHLQTLHGTATHFDKI
 GLEEEFRKLTNVRIMKENMRTGNLPANMKKARVIQIIPYDFNRVILSMKRGQEFTDYI
 NASFIDGYRQKDYFMATQGPLAHTVEDFWRMVWEWKSHTIVMLTEVQEREQDKCY
 QYWPTEGSVTHGDITIEIKSDLSEAISIRDFLVTFKQPLARQEEQVRMVRQFHFG
 WPEVGIPTEGKGMIDLIAAVQKQQQTGNHPITVHCSAGAGRTGTFIALSNILERVKA

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EGLLDVVFQAVKSLRLQRPHMVQTLEQYEFQYKVVQDFIDIFSDYANFK

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 Ptpre

Synonyms Ptpre; Ptpε; Receptor-type tyrosine-protein phosphatase epsilon; Protein-tyrosine phosphatase epsilon; R-PTP-epsilon

UniProt ID [B2GV87](#)

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