

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

Cat. No. RFL35991HF Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Human Receptor-type tyrosine-protein phosphatase epsilon(PTPRE) Protein (P23469) (20-700aa), fused to N-terminal His tag, was expressed in E. coli.

Species Human

Source E.coli

ProteinLength Full Length of Mature Protein (20-700)

Form Lyophilized powder

AA Sequence

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LRGNETTADSNETTSTSGPPDPGASQPLLAWLLLPLLLLLLVLLLAAYFFRFRKQRKA
VVSTSDKKMPNGILEEQEQQRVMLLSRSPSGPKKYFPPIVEHLEEEIRIRSADDCKQ
FREEFNSLPSGHIQGT FELANKEENREKNRYPNILPNDHSRVILSQLDGIPCSDYINA
SYIDGYKEKNKFIAAQGPKQETVND FWRMVWEQKSATIVMLTNLKERKEEKCHQYW
PDQGCWTYGNIRVCVEDCVVLVDYTIKFCIQQLPDGCKAPRLVSQLHFTSWPDF
GVPFTPIGMLKFLKVKTLNPVHAGPIVVHCSAGVGRGTGFIVIDAMMAMMHAEQKV
DVFEFVSRI RNQRPQM VQ TDMQYTFIYQALLEYYLYGDTELDVSSLEKHLQTMHGTT
THFDKIGLEEEFRKLTNVRIMKENMRTGNLPANMKKARVIQIIPYDFNRVILSMKRGQ
EYTDYINASFIDGYRQKDYFIATQGPLAHTVEDFWRMIEWEKSHTIVMLTEVQEREQ
DKCYQYWPTEGSVTHGEITIEIKNDTLSEAISIRDFLVTLNQPQARQEEQVRVVRQFH
FHGWPEIGIPAEGKGMIDLIAAVQKQQQQTGNHPITVHCSAGAGRTGTFIALSNILER
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VKAEGLLDVFQAVKSLRLQRPHMVQTLEQYEFQYKVVQDFIDIFSDYANFK

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; Receptor-type tyrosine-protein phosphatase epsilon; Protein-tyrosine phosphatase epsilon; R-PTP-epsilon

UniProt ID [P23469](https://www.uniprot.org/entry/P23469)

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