

Active Recombinant Human PTPRA protein, His&GST-tagged

Cat. No. PTPRA-7007H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human PTPRA protein(P18433-2)(Ala 174-Lys 793) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	174-793 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 20% gly, 3mM DTT.
Bio-activity	1. Measured by its ability to bind biotinylated recombinant mouse SRC in a functional ELISA. 2. Measured by its ability to cleave a substrate, pNitrophenyl phosphate (pNPP). The specific activity is >40000 pmol/min/μg.
Molecular Mass	The recombinant human PTPRA (aa 174-793)/GST chimera consists of 857 amino acids and has a calculated molecular mass of 99 kDa. It migrates as an approximately 90 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [PTPRA protein tyrosine phosphatase, receptor type, A \[Homo sapiens \]](#)

Official Symbol [PTPRA](#)

Synonyms

PTPRA; protein tyrosine phosphatase, receptor type, A; PTPA, PTPRL2; receptor-type tyrosine-protein phosphatase alpha; HLPR; HPTPA; LRP; RPTPA; PTPase-alpha; PTPLCA-related phosphatase; tyrosine phosphatase alpha; protein-tyrosine phosphatase alpha; protein tyrosine phosphatase, receptor type, alpha polypeptide; Leukocyte common antigen-related peptide (protein tyrosine phosphate); PTPA; HEPTP; PTPRL2; HPTPalpha; R-PTP-alpha;

Gene ID [5786](#)

mRNA Refseq [NM_002836](#)

Protein Refseq [NP_002827](#)

MIM [176884](#)

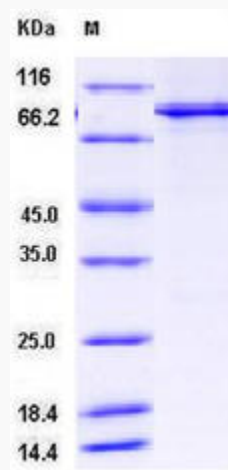
UniProt ID [P18433](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA