

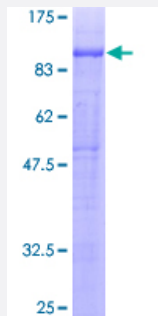
Full-Length

PTPRO (Human) Recombinant Protein (P01)

Catalog # H00005800-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human PTPRO full-length ORF (AAH35960, 1 a.a. - 597 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MGHLPTGIHGARRLLPLLWLFVLFKNATAFHVTVQDDNNIVSLEASDVISPASVYVVKITGESKNY
FFEFEEFNSTLPPPVIKASYHGLYYITLVVVGNGNVTKPSRSITVLTKPLVTSVSYDYKPSPETG
VLFEIHYPEKYNVFTRVNISYWEGKDFRTMLYKDFFKGKTVFNHWLPGMCYSNITFQLVSEATFNK
STLVEYSGVSHEPKQHRTAPYPPQNISVRVNLNKNWEEQSGNFPEESFMRSQDTIGKEKLFHF
TEETPEIPSGNISSGWPDPFNSSDYETTSQPYWWDSSASAAPESSEDEFVSVLPMYENNSTLSETE
KSTSGSFSFFPVQMILTWLPPKPPTAFDGFHIEEENFTEYLMVDEEAHEFVAELKEPGKYKLS
VTFSSSGSCETRKSQSAKSLSFYISPSGEWIEELTEKPQHVSVHVLSSTTALMSWTSSQENYNS
TVSVVSLTCQKQKESQRLEKQYCTQVNSSKPIENLVPGAQYQVVMYLRKGPLIGPPSDPVTFAFP
TGKDLMLYPLGPTAVVLSWTRPYLGVFRKYVEMFYFNPATMTSEWTTYEIAATVSLTASVVIFP

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

91.41

Interspecies Antigen Sequence

Mouse (86); Rat (86)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — PTPRO

Entrez GeneID	5800
GeneBank Accession#	BC035960
Protein Accession#	AAH35960
Gene Name	PTPRO
Gene Alias	GLEPP1, PTP-U2, PTPU2
Gene Description	protein tyrosine phosphatase, receptor type, O
Omim ID	600579
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a receptor-type protein tyrosine phosphatase containing a single intracellular catalytic domain with a characteristic signature motif. The gene product, which has a transmembrane domain, is an integral membrane protein. Several alternatively spliced transcript variants, some of which encode different isoforms of the protein, have been described. These variants exhibit tissue-specific expression. [provided by RefSeq]
Other Designations	PTPRO PTPase U2 glomerular epithelial protein-1 phosphotyrosine phosphatase U2 protein tyrosine phosphatase PTP-U2 receptor-type protein tyrosine phosphatase O

Disease

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