

Recombinant Mouse PTPRN2 Protein (28-600 aa), His-tagged

Cat. No. PTPRN2-2340M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse PTPRN2 Protein (28-600 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Partial.
Species	Mouse
Source	Yeast
ProteinLength	28-600 aa
Description	Implicated in development of nervous syst and pancreatic endocrine cells.
Form	Tris-based buffer,50% glycerol
Molecular Mass	65.7 kDa
AA Sequence	RGRQLPGRLGCLFEDGLCGSLETVCVNDGVFGRCQKVPVMDTYRYEPPGALLHLK VTLQKLSRTGFTWQDDYTQRVIAQELANLPKAYLWHGEASGPARSLLQQNADNEKW FSLEREVALAKTLRRYLPYLELLSQPTANAHSRIDHETRPAKGEDSSPENILTYVAH TSALTYPPATRAKYPDNLLRPFSRLQPDELSPKVDGDIDKQKLIALGAYTAQRLPGE NDPEPRYL VHGSARAPRPF SATALSQRWPPPGDAKDSPSMDDDTLLQSLKDLQ QNSEVDRLGPLKEEKADSVAGAIQSDPAEGSQESHGRGAEGQPREQTDAPETMLQ DHRLSEVDDPVYKEVNRLSFQLGDLLKDYGSPLLPEGPLLEKSSREEIKKSEQPEEV LSSEEETAGVEHVRSRITYSKDLFERKPNSEPPRRLEDQFQNRAPELWEDEESLKL AAQGPPSGGLQLEVPSEEQQGYILTGNNPLSPEKGGKQLMDQVAHILRVSSFFADI

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

KVLGPAVTFKVSANIQNMTTADVIKAAADNKDQLEKATGLTILQSGIRPKGKLLPH
QEEQEDSTK

Purity > 90% as determined by SDS-PAGE.

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

Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name [Ptprn2 protein tyrosine phosphatase, receptor type, N polypeptide 2 \[Mus musculus \]](#)

Official Symbol [PTPRN2](#)

Synonyms PTPRN2; R-PTP-N2; IA-2 beta; PTP IA-2beta; Phol; PTP-NP; IA2beta; phogrin; mKIAA0387; 4930425H11Rik; KIAA0387;

Gene ID [19276](#)

mRNA Refseq [NM_011215](#)

Protein Refseq [NP_035345](#)

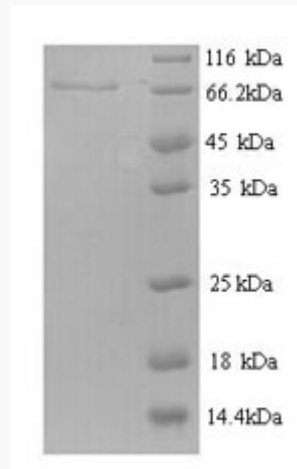
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UniProt ID

P80560



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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