

Recombinant Mus musculus Receptor-type tyrosine-protein phosphatase N2

Catalog No: #AP72744

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Package Size: #AP72744-1 20ug #AP72744-2 100ug #AP72744-3 1mg

Description

Product Name	Recombinant Mus musculus Receptor-type tyrosine-protein phosphatase N2
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:28-600aaSequence Info:Extracellular Domain
Other Names	PTP IA-2betaProtein tyrosine phosphatase-NP ;PTP-NP
Accession No.	P80560
Uniprot	P80560
GeneID	19276;
Calculated MW	65.7 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	RGRQLPGRGLGCLFEDGLCGSLETVCVNDGVFGRQCQKVPVMDTYRYEVPPGALLHLKVTLQKLSRTGFTWQDD YTQRVIAQELANLPKAYLWHGEASGPARSLQQNADNEKWFSLEREVALAKTLRRYLPYLELLSQPTANAHSR IDHETRPKAGEDSSPENILTYVAHTSALTYPPATRAKYPDNLLRPFSLQPDDELSPKVDGDIDKQKLIALGAYT AQRLPGENDPEPRYL VHGSARAPRPF SATALSQRWPPPPGDAKDSMDDDTLLQSLKDLQQNSEVDRLG PLKEEKADSVAGAIQSDPAEGSQESHGRGAEGQPREQTDAPETMLQDHRLSEVDDPVYKEVNRLSFQLGDL LKDYGSPLLPEGPLLEKSSREEIKKSEQPEEVLSSSEETAGVEHVRSRTYSKDLFERKPNSEPQPRRLEDQFQ NRAPELWEDEESLKLAQPPSGGLQLEVQPSEEQQGYILTGNNPLSPEKGGKQLMDQVAHILRVPSSFFADIK VLGPAVTFKVSANIQNMTTADVIAAADNKDQLEKATGLTILQSGIRPKGKLLKLLPHQEEQEDSTK
Formulation	Tris-based buffer50% glycerol
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°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Implicated in development of nervous syst and pancreatic endocrine cells.

References

PTP-NP, a new member of the receptor protein tyrosine phosphatase family, implicated in development of nervous system and pancreatic endocrine cells.Chiang M.-K., Flanagan J.G.Development 122:2239-2250(1996)Research Topic:Others

Note: This product is for in vitro research use only