

Product datasheet for TP508630

Ptpn5 (NM_001163565) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse protein tyrosine phosphatase, non-receptor type 5 (Ptpn5), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208630 protein sequence Red =Cloning site Green =Tags(s)

MCCSERLLGLPQPVEMEAPDEAEGLPSKQKEMPPPPPPSPPSEPAQKLPQAGSHSLTVRSSLCLFAAS
QLLACGVLWLSGHGHSWLQNTTDLISSSLTVLNHLGPVAVLWLSGTWGWIPSLLLVSLTVSLVIVTTLVWH
LLKAPPEPPAPLPEDRRQSVSRQPSFTYSEWMEEKVEDDFLDLDAVPETPVFDCVMDIKPETDPASLTV
KSMGLQERRGSNVSLTDMCTPGCNEEGFGYLVSPREESAHEYLLSASRVLRAEELHEKALDPFLQAEF
FEIPMNFVDPKEYDIPGLVRKNRYKTILPNPHSRVRLTSPDPEDPLSSYINANYIRGYSGEEKVYIATQG
PIVSTVADFWRMVWQERTPIIVMITNIEEMNEKCTEYWPEEQVVDHGVETVQKVIHTEDYRLRLISLRR
GTEERSLKHYWFTSWPDQKTPDRAPLLHLVREVEEAAQEGPHCSPIIVHCSAGIGRTGCFIATSICCCQ
QLRREGVDILKTTCCLRQDRGGMIQTCEQYQFVHHAMSLYEKQLSLQSSE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	60.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_001157037</u>



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Locus ID:	19259
UniProt ID:	P54830 , Q80WU9
RefSeq Size:	3049
Cytogenetics:	7 30.7 cM
RefSeq ORF:	1626
Synonyms:	Step
Summary:	May regulate the activity of several effector molecules involved in synaptic plasticity and neuronal cell survival, including MAPKs, Src family kinases and NMDA receptors. [UniProtKB/Swiss-Prot Function]