

Product datasheet for TP511829

Ptpro (NM_001164402) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse protein tyrosine phosphatase, receptor type, O (Ptpro), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR211829 protein sequence Red=Cloning site Green=Tags(s)

MGHLPRGTLGGRRLLPLLGLFVLLKIVTTFFHVAVQDDNNIVSLEASDIVSPASVYVWRVAGESKNYFFE
FEFNSTLPPPVFKATYHGLYYIITLVVNGNVVTKPSRSITVLTKPLPVTSVSIYDYKPSPETGVLFE
IHYPEKYNVFSRVNISYWEGRDFRTMLYKDFKVKTFVFNHWLPGLCYSNITFQLVSEATFNKSTLVEYSG
VSHEPKQHRTAPYPPRNISVRFVNLNKNWEEPSGSPEDSFIKPPQDSIGRDRRFHPEETPETPPSNV
SSGSPSNVSSAWDPNSTDYESTSQPFWWDSASAAPENEEDFVSALPADYDTETTLDRTEKPTADPFSA
FPVQMTLSWLPKPPTAFDGFNIIEREENFTDYLTVDDEEAHEFVAELKEPGKYKLSVTTFSSSGACETR
KSQSAKSLSFYISPTGEWIEELTEKPQHVSVHLSSTTALMSWTSSQENYNSTIVSVSLTCQKQKESQR
LEKQYCTQVNSSKPVIENTLPGAQYQVVMYLRKGLIGPPSDPVTFAIVPTGIKDLMLYPLGPTAVVLSW
TRPILGVFRKYVEMFYFNPTTMTSEWTTYEIAATVSLTASVRIASLLPAWYVNFRTMVTWGDPELSC
CDSSTISFITAPVAPEITSVEYFNLLYISWTYGDATDLSHSRMLHWMVAEGRKKIKSVTRNVMTAI
LSLPPGDIYNSVTACTERGNTSLPRLVKLEPAPPKSLFAVNKTQTSVTLWVEEGVADFFEVFCQQLG
SGHNGKLQEPVAVSSHVVTISSLLPATAYNCSVTSFSHDTSPVPTFAVSTMVTEVNPVNVVISVLAILS
TLIGLLLVTLVILRKKHLQMARECGAGTFVNFASLEREGKLPYSWRRSVFALLTLLPSCLWTDYLLAFY
INPWSKNGLKRRKLTNPVQLDDFDSYIKDMAKDSYKFSLQFEELKLIGLDIPHFAADLPLNRCKNRYTN
ILPYDFSRVRLVSMNEEEGADYINANYIPGYNSPQEYIATQGPLPETRNDFWKMVLQKSHIIVMLTQCN
EKRRVKCDHYWPFTEEPIAYGDITVEMVSEEEEEEDWASRHFIRINYADEAQDVMHFNYTAWPDHGVPPANA
AESILQFVFTVRQQAASKGPMIIHCSAGVGRGTGFIALDRLLQHIRDHEFVDILGLVSEMRSHRMSMVQ
TEEQYIFIHQCVQLMWLRRKKQFCISDVIYENVSKS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	138.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method



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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:	NP_001157874
Locus ID:	19277
UniProt ID:	E9PVI6
RefSeq Size:	4180
Cytogenetics:	6 G1
RefSeq ORF:	3681
Synonyms:	D28; GLEPP1; PTPBK; Ptpn15; PTPoc; PTPphi; PTPROT; PTPU2; R-PTP-O
Summary:	Possesses tyrosine phosphatase activity. Plays a role in regulating the glomerular pressure/filtration rate relationship through an effect on podocyte structure and function. [UniProtKB/Swiss-Prot Function]