

Product datasheet for TP521778

Ptprk (NM_008983) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse protein tyrosine phosphatase, receptor type, K (Ptprk), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR221778 representing NM_008983
Red=Cloning site **Green**=Tags(s)

MDVAAAALPAFVALWLLYPWPLLGSALGQFSAGGCTFDDGPGACDYHQDLYDDFEWVHVSAQEPHYLPPE
MPQGSYMVVDSSNHDPGEKARLQLPTMKENDTHCIDFSYLLYSQKGLNPGTLNILVRVNGPLANPIWNV
TGFTGRDWLRAELAVSTFWPNEYQVIFEAEVSGGRSGYIAIDDIQVLSYPCDKSPHFLRLGDVEVNAGQN
ATFQCIATGRDAVHNKLWLQRRNGEDIPVAQTKNINHRRFAASFRLQEVTKTDQDLYRCVTQSERGSGVS
NFAQLIVREPPRIAPPQLLGVGPTYLLIQLNANSIIGDGPILKEVEYRMTSGSWTETHAVNAPTYKLV
HLDPDTEYAIRVLLTRPGEGGTGLPGPLITRTKCAEPMRTPKTLKIAEIQARRIAVDWESLGYNITRCH
TFNVTICYHYFRGHNESRADCLDMDPKAPQHVVNHLPPYTNVSLKMILTNPEGRKESEETIIQTDDEVP
PVPVKSQGTSEFENKIFLNWKEPLEPNGIITQYEVSYSSIRSFDPAPVPVAGPPQTVSNLWNSTHHVFMHL
HPGTTYQFFIRASTVKGFGPATAINVTNISAPSLPDYEGVDASLNETATTITVLLRPAQAKGAPISAYQ
IVVEQLHPHRTKREAGAMECYQVPVYQNALSGGAPYYFAAELPPGNLPEPAPFTVGDNRTYKGFWNPP
APRKGYNIFYQAMSSVEKETKTQCVRIATKAAATEEPEVIPDPAKQTDREVVKIAGISAGILVFILLLVV
IVIVKSKLAKKRKDAMGNTRQEMTHMVNAMDRSYADQSTLHAEDPLSLTFMDQHNFSPRLPNDPLVPTA
VLDENHSATAESSRLLDVPRYLCEGTESPYQTGQLHPAIRVADLLQHINLMKTSDSYGFKEEYESFFEGQ
SASWDVAKKDQNRANKRYGNIIAYDHSRVILQPVEDDPSSDYINANYIDIWLYRDGYQRPSHYIATQGPV
HETVYDFWRMVWQEQSACIVMVTNLVEVGRVKCYKYWPDDTEVYGFVKVTCVEMEPLAEYVVRTFTLERR
GYNEIREVKQFHFTGWPDPHGVPYHATGLLSFIRRVKLSNPPSAGPIVHCSAGAGRTGCYIVIDIMLDMA
EREGVWDIYNCVKALRSRRINMVQTEEQYIFIHDAILEACLCGETAIPVCEFKAAAYFDMIRIDSQTNSSH
LKDEFQTLNSVTPRLQAEDCSIACLPRNHDKNRFMDMLPPDRCLPFLITIDGESSNYINAALMDSYRQPA
AFIVTQYPLPNTVKDFWRLVYDYGCTSIVMLNEVDLSQGCPQYWPEEGMLRYGPIQVECMSCSMDCDVIN
RIFRICNLTRPQEGYLMVQQFQYLGWASHREVPGSKRSFLKLILQVEKWQEECEEGERITIIHCLNGGGR
SGMFCAIGIVEMVKRQNVVDVFAVKTLRNSKPNMVEAPEQYRFCYDVALEYLESS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK



[View online >](#)

Predicted MW:	164.6 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:	NP_033009
Locus ID:	19272
UniProt ID:	P35822
RefSeq Size:	6177
Cytogenetics:	10 15.06 cM
RefSeq ORF:	4371
Synonyms:	A1853699; PTPk; RPTPkappa
Summary:	Regulation of processes involving cell contact and adhesion such as growth control, tumor invasion, and metastasis. Negative regulator of EGFR signaling pathway. Forms complexes with beta-catenin and gamma-catenin/plakoglobin. Beta-catenin may be a substrate for the catalytic activity of PTPRK/PTP-kappa.[UniProtKB/Swiss-Prot Function]