

Product datasheet for TP511564

Ptk7 (NM_175168) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse PTK7 protein tyrosine kinase 7 (Ptk7), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR211564 representing NM_175168 Red =Cloning site Green =Tags(s)
	<p>MGARPLLLRALLLPLLAGAQAIVFIKEPSSQDALQGRRALLRCEVEAPDPVHVYWLLNGVPVQDTERR FAQGSSLSFAAVDRLQDSGAFQCVARDNVTGEEVSTNASFNKIEWIAGPVVLKHPASEAEIQPQTQVTL RCHIDGHPRPYQWFRDGTPLSDDQSTHTVSSRERNLTLRPASPEHSGLYSCCAHNAFGQACSSQNFTLS VADESFAVWLAPQDVVARNEEAMFHCQFSAQPPPSLQWVFEDETPITNRSRPPHLRRAVVFANGSLLL TQVRPRNAGVYRCIGQGQGRGPPIVLEATLHLAEIEDMLPFEPVFIAGDEERVTCAPQGLPTPSVWWEH AGVPLPAHGRVHQGLELVFTIAESDTGVYTCASNLAGQRRQDVNITVATVPTWLRKPQDSQLEEGKP GYLHCLTQATPKPTVIWYRNQMLISEDSTRFEVSKNGTLRINSVEVYDGTLYRCVSSTPAGSIEAQRVQV LEKLFKFTPPPQPPQCMFEFDKEATVPCSATGREKPTVKWVRADGSSSLPEWVTDNAGTLHFARVTRDDAGNY TCIASNEPQQGQIRAHVQLTVAVFITFKVEPERTTVYQGHTALLRCEAQGDPKPLIQWKGKDRILDPTKLG PRMHIFQNGSLVIHDVAPEDSGSYTCIAGNSCNIRHTEAPLLVVDKPMEDSEGPGSPPPYKMIQTIGLS VGAAYAVIIVLGLMFYCKKRCKAKRLQKQPEGEEPEMECLNGGPLQNGQPSAEIQEEVALTSLGSGPPA TNKRHSAGDRMHFPRASLQPITTLGKSEFGEVFLAKAQGVEEGATETLVLVKSLQRDEQQQLDFRREVE MFGKLNHANVWRLGLCREAPHYMVLEYVDLGDLDKQFLRISKNKDEKLSQPLSTKQKVALCSQVALGM EHLNRFVHKDLAARNCLISAQRQVKVSALGLSKDVYNSEYYHFRQAWVPLRWMSPEAVLEGDFSTKSD VWAFGLMWEVFTHGEMPHGGQADDEVLADLQAGKARLPQPEGCPKLYRLMQRCWAPNPKDRPSFSEIA STLGDSPADSKQ</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	118 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



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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_780377</u>
Locus ID:	71461
UniProt ID:	<u>Q8BKG3</u>
RefSeq Size:	4187
Cytogenetics:	17 C
RefSeq ORF:	3186
Synonyms:	8430404F20Rik; chz; mPTK7/CCK4
Summary:	Inactive tyrosine kinase involved in Wnt signaling pathway. Component of both the non-canonical (also known as the Wnt/planar cell polarity signaling) and the canonical Wnt signaling pathway. Functions in cell adhesion, cell migration, cell polarity, proliferation, actin cytoskeleton reorganization and apoptosis. Has a role in embryogenesis, epithelial tissue organization and angiogenesis.[UniProtKB/Swiss-Prot Function]