

Product datasheet for TP320322L

CCK4 (PTK7) (NM_152881) Human Recombinant Protein

Product data:

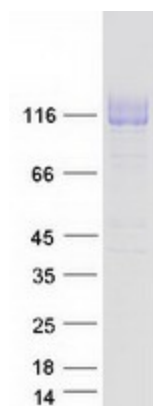
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human PTK7 protein tyrosine kinase 7 (PTK7), transcript variant PTK7-3, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC220322 representing NM_152881 Red =Cloning site Green =Tags(s)
	<p>MGAARGSPARPRRLPLLSVLLLPLGGTQTAIVFIKQPSSQDALQGRRALLRCEVEAPGPVHVYWLDDGA PVQDTERRFAQGSSLSFAAVDRLQDSGTFQCVARDDVTGEEARSANASFNKWEAGPVWLKHPASEAEI QPQTQVTLRCHIDGHRPTYQWFRDGTPLSDGQSNHTVSSKERNLTLRPAGPEHSGLYSCCAHSAFGQAC SSQNFTLSIADEFARVVLAPQDVVARYEAMFHCQFSAQPPPSLQWLFEDETPITNRSRPPHLRRATV FANGSLLLTQVRPRNAGIYRCIGQGQRGPPPIILEATLHLAEIEDMPLFEPVFTAGSEERVTCCLPPKGLP EPSVWWEHAGVRLPTHGRVYQKGHELVLANIAESDAGVYTCHAANLAGQRRQDVNITVANGSSLPEWVTD NAGTLHFARVTRDDAGNYTCIASNGPQGQIRAHVQLTVAVFITFKVEPERTTVYQGHTALLQCEAQGDPK PLIQWKGKDRILDPTKLGPRMHIFQNGSLVIHDVAPEDSGRYTCIAGNSCNIKHTEAPLYVVDKPVPEES EGPGSPPPYKMIQTIGLSVGAAYAVYIIAVLGLMFYCKKCKAKRLQKQPEGEEPEMECLNGGPLQNGQPS AEIQEEVALTSLGSGPAATNKRHSTSDKMHFPRSSLQPITTLGKSEFGEVFLAKAQGLEEGVAETLVLVK SLQSKDEQQQLDFRRELEMFGKLNHANVVRLLGLCREAEPHYMVLEYVDLGDLDKQFLRISKSKDEKLKSK PLSTKQKVALCTQVALGMEHLSNNRFVHKDLAARNCLVSAQRQVKVSALGLSKDVYNSEYYHFRQAWVPL RWMSPEAILEGDFSTKSDVWAFGLMWEVFTHGEMPHGGQADDEVLADLQAGKARLPQPEGCPSKLYRLM QRCWALSPKDRPSFSEIASALGDSTVDSKP</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	100.4 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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Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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_690620</u>
Locus ID:	5754
UniProt ID:	<u>Q13308</u>
RefSeq Size:	3859
Cytogenetics:	6p21.1
RefSeq ORF:	2820
Synonyms:	CCK-4; CCK4
Summary:	This gene encodes a member of the receptor protein tyrosine kinase family of proteins that transduce extracellular signals across the cell membrane. The encoded protein lacks detectable catalytic tyrosine kinase activity, is involved in the Wnt signaling pathway and plays a role in multiple cellular processes including polarity and adhesion. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jul 2012]
Protein Families:	Druggable Genome, Protein Kinase, Transmembrane

Product images:



Coomassie blue staining of purified PTK7 protein (Cat# [TP320322]). The protein was produced from HEK293T cells transfected with PTK7 cDNA clone (Cat# [RC220322]) using MegaTran 2.0 (Cat# [TT210002]).