

## Product datasheet for TP323416M

### CCK4 (PTK7) (NM\_152880) Human Recombinant Protein

#### Product data:

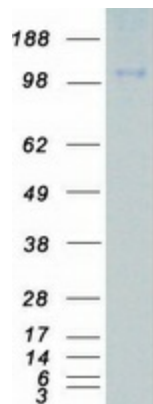
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human PTK7 protein tyrosine kinase 7 (PTK7), transcript variant PTK7-2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC223416 representing NM_152880 Red=Cloning site Green=Tags(s)
	<p>MGAARGSPARPRRLPLLSVLLLPLGGTQTAIVFIKQPSSQDALQGRRALLRCEVEAPGPVHVYWLDDGA PVQDTERFAQGSLSFAAVDRLQDSGTFQCVARDDVTGEEARSANASFNKWEAGPVVLKHPASEAEI QPQTQVTLRCHIDGHRPTYQWFRDGTPLSDGQSNHTVSSKERNLTLRPAPEHSGLYSCCAHSAFGQAC SSQNFTLSIADEFARVVLAPQDVVARYEEAMFHCQFSAQPPPSLQWLFEDETPITNRSRPPHLRRATV FANGSLLLTQVRPRNAGIYRCIGQGQRGPPPIILEATLHLAEIEDMPLFEPVFTAGSEERVTCCLPPKGLP EPSVWWEHAGVRLPTHGRVYQKGHELVLANIAESDAGVYTCHAANLAGQRRQDVNITVATVPSWLKPKQD SQLEEGKPGYLDCLTQATPKPTVWYRNQMLISEDSRFEVFKNGTLRINSVEVYDGTWYRCMSSTPAGSI EAQARVQVLDGSSLPEWVTDNAGTLHFARVTRDDAGNYTCIASNGPQQGQIRAHVQLTVAVFITFKVEPER TTVYQGHTALLQCEAQGDPKPLIQWKGKDRILDPTKLGPRMHIFQNGSLVIHDVAPEDSGRYTCIAGNSC NIKHTEAPLYVVDKPVPEESEGGSPPPYKMIQTIGLSVGAAYIIAVLGLMFYCKKRCKAKRLQKQPE GEEPEMECLNGGPLQNGQPSAEIQEEVALTSLGSGPAATNKRHSTSDKMHFPRSSLQPITTLGKSEFGEV FLAKAQGLEEGVAETLVLVKSLQSKDEQQQLDFRRELEMFGLNHANVWVRLGLCREAPHYMVLEYVDL GDLKQFLRISKSKDEKLSQPLSTKQKVALCTQVALGMEHLSNRFVHKDLAARNCLVSAQRQVKVSALG LSKDVPNSEYYHFRQAWVPLRWMSPEAILEGDFSTKSDVWAFGLMWEVFTHGEMPHGGQADDEVLDLQ AGKARLPQPEGCPSKLYRLMQRCWALSPKDRPSFSEIASALGDSTVDSPK</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	110.7 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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<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_690619</a>
<b>Locus ID:</b>	5754
<b>UniProt ID:</b>	<a href="#">Q13308</a>
<b>RefSeq Size:</b>	4129
<b>Cytogenetics:</b>	6p21.1
<b>RefSeq ORF:</b>	3090
<b>Synonyms:</b>	CCK-4; CCK4
<b>Summary:</b>	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]
<b>Protein Families:</b>	Druggable Genome, Protein Kinase, Transmembrane

### Product images:



Coomassie blue staining of purified PTK7 protein (Cat# [TP323416]). The protein was produced from HEK293T cells transfected with PTK7 cDNA clone (Cat# [RC223416]) using MegaTran 2.0 (Cat# [TT210002]).