

Recombinant Human PTK7 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PTK7-1255H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PTK7 MS Standard C13 and N15-labeled recombinant protein (NP_690620) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	100.4 kDa
AA Sequence	MGAARGSPARPRRLPLLSVLLLPLGGTQTAIVFIKQPSSQDALQGRRALLRCEVEA PGPVHVYWLDDGAPVQDTERRFAQGSSLSFAAVDRLQDSGTFQCVARDDVTGEEA RSANASFNIKWIEAGPVVLKHPASEAEIQPQTQVTLRCHIDGHPRPTYQWFRDGTPL SDGQSNHTVSSKERNLTLRPAGPEHSGLYSCCAHSFAFGQACSSQNFTLSIADESFA RVVLAPQDVVVARYEEAMFHCQFSAQPPPSLQWLFEDETPITNRSRPPHLRRATVF ANGSLLLTQVRPRNAGIYRCIGQGQRGPPPIILEATLHLAEIEDMPLFEPRVFTAGSEE RVTCLPPKGLPEPSVWWEHAGVRLPTHGRVYQKGHELVLANIAESDAGVYTCHAA

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NLAGQRRQDVNITVANGSSLPEWVTDNAGTLHFARVTRDDAGNYTCIASNGPQGQI
 RAHVQLTVAVFITFKVEPERTTVYQGHTALLQCEAQGDPKPLIQWKGKDRILDPTKL
 GPRMHIFQNGSLVIHDVAPEDSGRYTCIAGNSCNIKHTEAPLYVVDKPVPEESEGP
 SPPPYKMIQTIGLSVGAAYIIAVLGLMFYCKKRCKAKRLQKQPEGEPEMECLNG
 GPLQNGQPSAEIQEEVALTSLGSGPAATNKRHSTSDKMHFPRSSLQPITTLGKSEFG
 EVFLAKAQGLEEGVAETLVLVKSLQSKDEQQQLDFRRELEMFGKLNHANVVRLLGL
 CREAEPHYMVLEYVDLGLKQFLRISKSKDEKLKSQPLSTKQKVALCTQVALGMEHL
 SNNRFVHKDLAARNCLVSAQRQVKVSALGLSKDVYNSEYYHFRQAWVPLRWMSPE
 AILEGDFSTKSDVWAFGLMWEVFTHGEMPHGGQADDEVLADLQAGKARLPQPEG
 CPSKLYRLMQRCWALSPKDRPSFSEIASALGDSTVDSKPTRTRPLEQKLISEEDLAA
 NDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	PTK7 PTK7 protein tyrosine kinase 7 [Homo sapiens (human)]
Official Symbol	PTK7
Synonyms	PTK7; PTK7 protein tyrosine kinase 7; inactive tyrosine-protein kinase 7; CCK4; CCK-4; colon carcinoma kinase 4; colon carcinoma kinase-4; protein-tyrosine kinase 7;

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tyrosine-protein kinase-like 7; pseudo tyrosine kinase receptor 7;

Gene ID [5754](#)

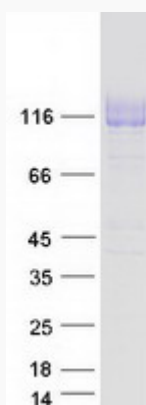
mRNA Refseq [NM_152881](#)

Protein Refseq [NP_690620](#)

MIM [601890](#)

UniProt ID [Q13308](#)

SDS-PAGE



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