

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

Cat. No. PTK7-1752H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

PTK7 MS Standard C13 and N15-labeled recombinant protein (NP_690619) 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

110.7 kDa

AA Sequence

MGAARGSPARPRRLPLLSVLLLPLGGTQTAIVFIKQPSSQDALQGRRALLRCEVEA
 PGPVHVYWLLDGAPVQDTERRFAGQSSLSFAAVDRLQDSGTFQCVARDDVTGEEA
 RSANASFNIKWIEAGPVVLKHPASEAEIQPQTQVTLRCHIDGHPRPTYQWFRDGTPL
 SDGQSNHTVSSKERNLTLRPAGPEHSGLYSCCAHSFQGACSSQNFTLSIADESFA
 RVVLAPQDVVVARYEEMFHCQFSAQPPPSLQWLFEDETPITNRSRPPHLRRATVF
 ANGSLLLQVRPRNAGIYRCIGQGQRGPPPIILEATLHLAEIEDMPLFEPRVFTAGSEE
 RVTCLPPKGLPEPSVWWEHAGVRLPTHGRVYQKGHELVLANIAESDAGVYTCHAA

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NLAGQRRQDVNITVATVPSWLKKPQDSQLEEGKPGYLDCLTQATPKPTVVWYRNQ
 MLISEDSEFEVFKNGTLRINSVEVYDGTWYRCMSSTPAGSIEAQRVQVLDGSSLPE
 WVTDNAGTLHFARVTRDDAGNYTCIASNGPQGQIRAHVQLTVAVFITFKVEPERTTV
 YQGHTALLQCEAQGDPKPLIQWKGKDRILDPTKLGPRMHIFQNGSLVIHDVAPEDSG
 RYTCIAGNSCNIKHTEAPLYVVDKPVPEESEGGSPPPYKMIQTIGLSVGAAYIIAV
 LGLMFYCKKRCKAKRLQKQPEGEEPEMECLNGGPLQNGQPSAEIQEEVALTSLGS
 GPAATNKRHSTSDKMHFPRSSLQPITTLGKSEFGEVFLAKAQGLEEGVAETLVLVKS
 LQSKDEQQQLDFRRELEMFGLNHNANVVRLLGLCREAEPHYMVLEYVDLGLDKQFL
 RISKSKDEKLKSQPLSTKQKVALCTQVALGMEHLSNNRFVHKDLAARNCLVSAQRQ
 VKVSALGLSKDVYNSEYYHFRQAWVPLRWMSPEAILEGDFSTKSDVWAFGLMWEE
 VFTHGEMPHGGQADDEVLADLQAGKARLPQPEGCPKLYRLMQRCWALSPKDRP
 SFSEIASALGDSTVDSKPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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-

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4; colon carcinoma kinase 4; colon carcinoma kinase-4; protein-tyrosine kinase 7;
tyrosine-protein kinase-like 7; pseudo tyrosine kinase receptor 7;

Gene ID 5754

mRNA Refseq NM_152880


Protein Refseq NP_690619

MIM 601890


UniProt ID Q13308

SDS-PAGE



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