

Product datasheet for PH320322

CCK4 (PTK7) (NM_152881) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PTK7 MS Standard C13 and N15-labeled recombinant protein (NP_690620)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC220322
Predicted MW:	100.4 kDa
Protein Sequence:	>RC220322 representing NM_152881 Red=Cloning site Green=Tags(s)

MGAARGSPARPRRLPLLSVLLLPLLGQTAIIVFIKQPSSQDALQGRRALLRCEVEAPGPVHVYWLLDGA
PVQDTERRFAQGSSL SFAAVDRLQDSGTFQCVARDDVTGEEARSANASFNKWI EAGPVVLKHPASEAEI
QPQTQVTLRCHIDGHRPTYQWFRDGTPLSDGQSNHTVSSKERNLTLRPAGPEHSGLYSCCAHSFQAC
SSQNFTLSIADES FARVVLAPQDVVARYEEMFHCQFSAQPPPSLQWLFEDETPITNRSRPHLRATV
FANGSLLLTVRPRNAGIYRCIGQGQRPPIILEATLHLAEIEDMPLFEPVFTAGSEERVTC LPPKGLP
EPSVWWEHAGVRLPTHGRVYQKGHELVLANIAESDAGVYTCHAA NLAGQRRQDVNITVANGSSLEPVVTD
NAGTLHFARVTRDDAGNYTCIASNGPQGQIRAHVQLTVAVFITFKVEPERTTVYQGH TALLQCEAQGDPK
PLIQWKGKDRILDPTKLGPRMHIFQNGSLVIHDVAPEDSGRYTCIAGNSCN IKHTEAPLYVVDKVPPEES
EGPGSPPPYKMIQTI GLSVGAAYAYIIAVLGLMFYCKKRCKAKRLQKQPEGEEPEMECLNGGPLQNGQPS
AEIQEEVALTSLGSGPAATNKRHSTSDKMHFPRSSLQPIITLTKSEFGEVFLAKAQGLEE GVAETLVLVK
SLQSKDEQQQLDFRRELEMFGLNHNANVRLGLCREAEPHYMVLEYVDLGD LKQFLRISKSKDEKLKSK
PLSTKQKVALCTQVALGMEHL SNNRFVHKDLAARNCLVSAQRQVKVSALGLSKDVY NSEYHFQRQAWVPL
RWMSPEAILEGDFSTKSDVWAFGLMWEVFTHGEMPHGGQADDEVLADLQAGKARLPQPEGCP SKLYRLM
QRCWALSPKDRPSFSEIASALGDSTVDSKP

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.



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RefSeq: [NP_690620](#)

RefSeq Size: 3859

RefSeq ORF: 2820

Synonyms: CCK-4; CCK4

Locus ID: 5754

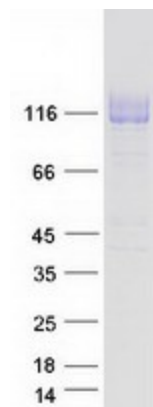
UniProt ID: [Q13308](#)

Cytogenetics: 6p21.1

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]).