

Product datasheet for PH309967

RIPK5 (DSTYK) (NM_015375) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DSTYK MS Standard C13 and N15-labeled recombinant protein (NP_056190)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209967
Predicted MW:	105.2 kDa
Protein Sequence:	>RC209967 protein sequence Red=Cloning site Green=Tags(s)

MEGDGVPWGSEPVSGPGGGGMIRELCRFGYRRYLGRLRQNLRETQKFFRDIKCSHNHTCLSSLTGG
GGAERGPAGDVAETGLQAGQLSCISFPPKEEKYLQQIVDCLPCILILGQDCNVKQQLNLLLGVQLPTT
KLGSEESCKLRRLRFTYGTQTRVSLALPGQYELVHTLVAHQGNWETIPEEDLEVQENNEDAAHVLAEEV
TMHHALLQEVDVVVAPCQGLRPTVDVLGDLVNDFLPAITYALHKDEL SERDEQELQEIRKYFSFPVFFFK
VPKLGSEIIDSSTRMESERSPLYRQLIDLGYLSSSHWNCGAPGQDTKAQSMLVEQSEKLRHLSTFSHQV
LQTRLVDAAKALNLVHCHCLDIFINQAFDMQRDLQITPKRLEYTRKKENELYESLMNIANRQKQEMKDMI
VETLNTMKEELLDDATNMEFKDVI VPENGEVGTREIKCCIRQIQELIISRLNQAVANKLISSVDYLRES
FVGTLERCLQSLEKSQDVSVHITSNYLKQILNAAHYHVEVTFHSGSSVTRMLWEQIKQIIQRITWVSPPAI
TLEWKRKVAQEAI ESLSASKLAKSICSQFRTLNSHEAF AASLRQLEAGHSGRLEKTEDLWLRVRKDHA
PRLARLSLESRLQDVLHHRKPKLGQELGRGQYGVVYLCDNWGGHFPCALKSVVPPDEKHWNDLALFEHY
MRSLPKHERLVDLHGSVIDYNYGGGSSIAVLLIMERLHRDLTYGLKAGLTLETRLQIALDVVEGIRFLHS
QGLVHRDIKLNKLVLLDKQNRAKITDLGFCKPEAMMSGSI VGTPIHMAPELFTGKYDNSVDVYAFGILFWY
ICSGSVKLPFAFERCASKDHLWNNVRRGARPRLPVFDEECWQLMEACWDGDP LKRPLLGI VQPM LQGIM
NRLCKSNSEQPNRGLDDST

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.



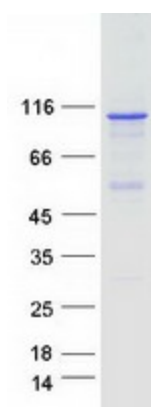
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RefSeq:	NP_056190
RefSeq Size:	7926
RefSeq ORF:	2787
Synonyms:	CAKUT1; DustyPK; HDCMD38P; RIP5; RIPK5; SPG23
Locus ID:	25778
UniProt ID:	Q6XUX3
Cytogenetics:	1q32.1

Summary: This gene encodes a dual serine/threonine and tyrosine protein kinase which is expressed in multiple tissues. It is thought to function as a regulator of cell death. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2008]

Protein Families: Druggable Genome, Protein Kinase

Product images:



Coomassie blue staining of purified DSTYK protein (Cat# [TP309967]). The protein was produced from HEK293T cells transfected with DSTYK cDNA clone (Cat# [RC209967]) using MegaTran 2.0 (Cat# [TT210002]).