

Product datasheet for TP309967M

RIPK5 (DSTYK) (NM_015375) Human Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human dual serine/threonine and tyrosine protein kinase (DSTYK), transcript variant 1, 100 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC209967 protein sequence Red =Cloning site Green =Tags(s) |

MEGDGVPWGSEPVSGPGGGGMIRELCRFGFRYRRYLGRRLRQNLRETQKFFRDIKCSHNHTCLSSLTGG
GGAERGPAGDVAETGLQAGQLSCISFPPKEEKYLQQIVDCLPCILILGQDCNVKQQLLNLLLVGQVLPPT
KLGSEESCKLRRLRFTYGTQTRVSLALPGQYELVHTLVAHQGNWETIPEEDLEVQENNEDAAHVLAEEV
TMHHALLQEVDVVVAPCQGLRPTVDVLGDLVNDFLPAITYALHKDELSEDEQELQEIRKYFSFPVFFFK
VPKLGSEIIDSSTRRMESERSPLYRQLIDLGYLSSSHWNCGAPGQDTKAQSMLEQSEKLRHLSTFSHQV
LQTRLVDAAKALNLVHCHCLDIFINQAFDMQRDLQITPKRLEYTRKKENELYESLMNIANRKQEEMKDMI
VETLNTMKEELDDATNMEFKDVIVPENGEVGTREIKCCIRQIQELIISRLNQAANKLISSVDYLRES
FVGTLERCLQSLEKSQDVSVHITSNYLKQILNAAHYVEVTFHSGSSVTRMLWEQIKQIIQRITWVSPPI
TLEWKRKVAQEAIESLSASKLAKSICSQFRTRLNSSHEAFAASLRQLEAGHSGRLEKTEDLWLRVRKDHA
PRLARLSLESRLQDVLLHRKPKLGQELGRGQYGVVYLCDNWGGHFPCALKSVPPDEKHWNDLAEFHY
MRS LPKHERLVDLHGVIDYNYGGGSSIAVLLIMERLHRDLYTGLKAGLTLETRLQIALDVVEGIRFLHS
QGLVHRDIKKNVLLDKQNRKITDLGFCKPEAMMSGVIGTPIHMAPELFTGKYDNSVDVYAFGILFWY
ICSGSVKLPEAFERCASKDHLWNNVRRGARPERLPVFDEECWQLMEACWDGDP LKRPLL GIVQPMLQGIM
NRLCKSNSEQPNRGLDDST

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

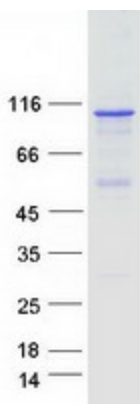
| | |
|----------------|-------------------------------------------------------------|
| Tag: | C-Myc/DDK |
| Predicted MW: | 105 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |



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|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | NP_056190 |
| Locus ID: | 25778 |
| UniProt ID: | Q6XUX3 |
| RefSeq Size: | 7926 |
| Cytogenetics: | 1q32.1 |
| RefSeq ORF: | 2787 |
| Synonyms: | CAKUT1; DustyPK; HDCMD38P; RIP5; RIPK5; SPG23 |
| 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]).