

## Product datasheet for TP309967

### RIPK5 (DSTYK) (NM\_015375) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human dual serine/threonine and tyrosine protein kinase (DSTYK), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209967 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MEGDGVPWGSEPVSGPGGGGMIRELCRFGFRYRRYLGRRLRQNLRETQKFFRDIKCSHNHTCLSSLTGG  
GGAERGPAGDVAETGLQAGQLSCISFPPKEEKYLQQIVDCLPCILILGQDCNVKQQLLNLLLVGQVLPPT  
KLGSEESCKLRRLRFTYGTQTRVSLALPGQYELVHTLVAHQGNWETIPEEDLEVQENNEDAAHVLAEEV  
TMHHALLQEVDVVVAPCQGLRPTVDVLGDLVNDFLPAITYALHKDELSEDEQELQEIRKYFSFPVFFFK  
VPKLGSEIIDSSTRRMESERSPLYRQLIDLGYLSSHWNCGAPGQDTKAQSMLEQSEKLRHLSTFSHQV  
LQTRLVDAAKALNLVHCHCLDIFINQAFDMQRDLQITPKRLEYTRKKENELYESLMNIANRKQEEMKDMI  
VETLNTMKEELDDATNMEFKDVIVPENGEVGTREIKCCIRQIQELIISRLNQAIVANKLISSVDYLRES  
FVGTLERCLQSLEKSQDVSVHITSNYLKQILNAAYHVEVTFHSGSSVTRMLWEQIKQIIQRITWVSPPI  
TLEWKRKVAQEAIESLSASKLAKSICSQFRTRLNSSHEAFAASLRQLEAGHSGRLEKTEDLWLRVRKDHA  
PRLARLSLESRLQDVLLHRKPKLGQELGRGQYGVVYLCDNWGGHFPALKSVPPDEKHWNDLAEFHY  
MRS LPKHERLVDLHGVIDYNYGGGSSIAVLLIMERLHRDLTYGLKAGLTLETRLQIALDVVEGIRFLHS  
QGLVHRDIKKNVLLDKQNRKITDLGFCPEAMMSGVIGTPIHMAPELFTGKYDNSVDVYAFGILFWY  
ICSGSVKLPEAFERCASKDHLWNNVRRGARPERLPVFDEECWQLMEACWDGDP LKRPLL GIVQPMLQGIM  
NRLCKSNSEQPNRGLDDST

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

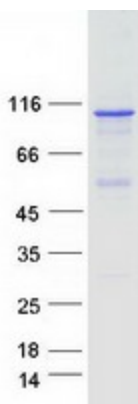
Tag:	C-Myc/DDK
Predicted MW:	105 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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