

## Product datasheet for TP319069L

### TNNI3K (NM\_015978) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human TNNI3 interacting kinase (TNNI3K), transcript variant 2, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC219069 protein sequence Red=Cloning site Green=Tags(s)

MGNYKSRTQTCTDEWKKKVSSESYVITIERLEDDLQIKEKELTELRNIFGSDEAFSKVNLNYRTENGLSL  
LHLCCICGGKKSHIRTLMLKGLRPSRLTRNGFTALHLAVYKDNAELITSLHSGADIQQVGYGGLTALHI  
ATIAGHLEAADVLLQHGANVNIQDAVFFTPLHIAAYYGHEQVTRLLLKFGADVNVSGEVGDRPLHLASAK  
GFLNIAKLLMEEGSKADVNAQDNEDHVPLHFCRFGHHDIVKYLQLQSDLEVQPHVNIYGDTPHLACYN  
GKFEVAKEIIQISGTESLTKENIFSETAFHSACTYGKSIDLKFLDQNVININHQRDGTGLHSACYH  
GHIRLVQFLLDNGADMNLVACDPSRSSGKDEQTCMLWAYEKGHDAIVTLLKHYKRPQDELPCNEYSQPG  
GDGSYVSPSPGLGIKSMTEKADILLRAGLPSHFHLQLSEIEFHEIIGSGSFGKVKGRCRNKIVAIAIK  
RYRANTYCSKSDVDMFCREVSILCQLNHPCVIQFVGACLNDPSQFAIVTQYISGGSLFLLHEQKRILD  
QSKLIIAVDVAKGMEYLHNLTPHHRDLNSHNILLYEDGHAVVADFGESRFLQSLDEDNMTKQPGNLRW  
MAPEVFTQCTRYTIKADVFSYALCLWEILTGEIPFAHLKPAADAMAYHHIRPPIGYSIPKPISSLLIR  
GWNACPEGRPEFSEVVMKLEELCNIELMSPASSNSSGSLSPSSSDCLVNRGGPGRSHVAALRSRFELE  
YALNARSYAALSQSAGQYSSQGLSLEEMKRSLQYTPIDKYGYVSDPMSSMHFHSCRNSSSFEDSS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

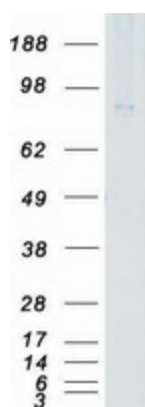
Tag:	C-Myc/DDK
Predicted MW:	92.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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.



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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:	<a href="#">NP_057062</a>
Locus ID:	51086
UniProt ID:	<a href="#">Q59H18</a>
RefSeq Size:	3026
Cytogenetics:	1p31.1
RefSeq ORF:	2505
Synonyms:	CARK; CCDD
Summary:	This gene encodes a protein that belongs to the MAP kinase kinase kinase (MAPKKK) family of protein kinases. The protein contains ankyrin repeat, protein kinase and serine-rich domains and is thought to play a role in cardiac physiology. [provided by RefSeq, Sep 2012]
Protein Families:	Druggable Genome, Protein Kinase

### Product images:



Coomassie blue staining of purified TNNI3K protein (Cat# [TP319069]). The protein was produced from HEK293T cells transfected with TNNI3K cDNA clone (Cat# [RC219069]) using MegaTran 2.0 (Cat# [TT210002]).