

Product datasheet for PH319069

TNNI3K (NM_015978) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TNNI3K MS Standard C13 and N15-labeled recombinant protein (NP_057062)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC219069
Predicted MW:	92.9 kDa
Protein Sequence:	>RC219069 protein sequence Red=Cloning site Green=Tags(s)

MGNYKS RPTQTCTDEWKKVSESYVITIERLEDDLQIKEKELTELRNIFGSDEAFSKVNLNYRTENGLSL
LHLCCICGGKSHIRTLMLKGLRPSRLTRNGFTALHLAVYKDNAELITSLHSGADIQQVGYGGLTALHI
AT IAGHLEAADVLLQHGANVNIQDAVFFTPLHIAAYYGHEQVTRLLLKFGADVNSGEVGDRLHLASAK
GFLNIAKLLMEEGSKADVNAQDNEDHVPLHFCSRFGHHDIVKYLQSDLEVQPHVNIYGDTPHLACYN
GKFEVAKEIIQISGTESLTKENIFSETAFHSACTYGKSIDLVKFLLDQNVININHQGRDHTGLHSACYH
GHIRLVQFLLDNGADMNLVACDPSRSSGEKDEQTCMWAYEKGHDAIVTLLKHYKRPQDELPCNEYSQPG
GDGSYVSPSPLGKIKSMTKEADILLRAGLPSHFHLQLSEIEFHEIIGSGSFGKVVYKGRCRNKIVAIAIK
RYRANTYCSKSDVDMFCREVSILCQLNHPCVIFVGAQLNDPSQFAIVTQYISGGSLFSLLEQKRILD
QSKLIIAVDVAKGMEYLHNLTPQIIHRDLNSHNILLYEDGHAVVADFGESEFLQSLDEDNMTKQPGNLRW
MAPEVFTQCTRYTIKADVFSYALCLWEILTGEIPFAHLKPAADMAHHRPPIGYSIPKPISSLLIR
GWNACPEGRPEFSEVVMKLEELCNIELMSPASSNSSGSLSPSSSDCLVNRGGPGRSHVAALRSRFELE
YALNARSYAALSQSAGQYSSQGLSLEEMKRSLQYTPIDKYGVSDPMSSMHFHSRNSSSSFEDSS

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.
RefSeq:	<u>NP_057062</u>



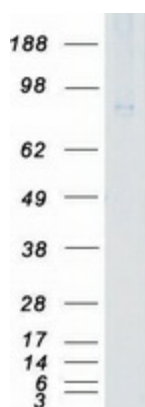
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RefSeq Size: 3026
RefSeq ORF: 2505
Synonyms: CARK; CCDD
Locus ID: 51086
UniProt ID: [Q59H18](#)
Cytogenetics: 1p31.1

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]).