Serine/Threonine-Protein Kinase TNNI3K (TNNI3K) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Serine/threonine-protein kinase TNNI3K (TNNI3K), Recombinant Protein
Full Product Name	Recombinant Human Serine/threonine-protein kinase TNNI3K (TNNI3K) , partial
Product Gene Name	TNNI3K recombinant protein
Product Synonym Gene Name	TNNI3K
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	94,517 Da
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
OMIM	613932
3D Structure	ModBase 3D Structure for Q59H18
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for TNNI3K recombinant protein	MBS1306362 is a recombinant protein targeting TNNI3K. Also known as Recombinant Human Serine/threonine-protein kinase TNNI3K (TNNI3K) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of TNNI3K recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TNNI3K. It may not necessarily be applicable to this product.

NCBI GI #	510785758
NCBI GeneID	100526835
NCBI Accession #	NP_001186256.2
UniProt Primary Accession #	Q59H18
UniProt Secondary Accession #	Q17RN0; Q49AR1; Q6MZS9; Q9Y2V6
GenBank Nucleotide #	NM_001199327.1
NCBI Official Full Name	FPGT-TNNI3K fusion protein isoform b
NCBI Official Synonym Full Names	FPGT-TNNI3K readthrough

NCBI Official Symbol	FPGT-TNNI3K
UniProt Protein Name	Serine/threonine-protein kinase TNNI3K
UniProt Synonym Protein Names	Cardiac ankyrin repeat kinase; Cardiac troponin I-interacting kinase; TNNI3-interacting kinase
Protein Family	Serine/threonine-protein kinase
UniProt Gene Name	TNNI3K
NCBI Protein Information	FPGT-TNNI3K fusion protein
NCBI Summary for TNNI3K	This locus represents naturally occurring read-through transcription from the neighboring fucose-1-phosphate guanylyltransferase (FPGT) and TNNI3 interacting kinase (TNNI3K) genes. Alternative splicing results in multiple transcript variants that are composed of in-frame exons from each individual gene. [provided by RefSeq, Dec 2010]
UniProt Comments for TNNI3K	May play a role in cardiac physiology.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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