

Datasheet for ABIN7544464
TNNI3K Protein (AA 1-835) (His tag)



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Overview

Quantity:	1 mg
Target:	TNNI3K
Protein Characteristics:	AA 1-835
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNNI3K protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TNNI3K Protein expressed in mammalian cells.
Sequence:	MGNYKSRTQ TCTDEWKKKV SESYVITIER LEDDLQIKEK ELTELRNIFG SDEAFSKVNL NYRTENGLSL LHLCCICGGK KSHIRTLMLK GLRPSRLTRN GFTALHLAVY KDNAELITSL LHSGADIQQV GYGGLTALHI ATIAGHLEAA DVLLQHGANV NIQDAVFFTP LHIAAAYYGHE QVTRLLLKFG ADVNVSGEVG DRPLHLASAK GFLNIAKLLM EEGSKADVNA QDNEDHVPLH FCSRFGHDI VKYLLQSDLE VQPHVVNIYG DTPLHLACYN GKFEVAKEII QISGTESLTK ENIFSETAFH SACTYGKSID LVKFLLDQNV ININHQRDGT HTGLHSACYH GHIRLVQFLL DNGADMNLVA CDPSRSSGK DEQTCLMWAY EKGHDAIVTL LKHYKRPQDE LPCNEYSQPG GDGSYVSVPS PLGKIKSMTK EKADILLRA GLPSHFHLQL SEIEFHEIIG SGSFGKVYKG RCRNKIVAIAK RYRANTYCSK SDVDMFCREV SILCQLNHPC VIQVGAACLN DPSQFAIVTQ YISGGSLSL LHEQKRIDL QSKLIIAVDV AKGMEYLHNL TQPIIHRDLN SHNILLYEDG HAVVADFGES RFLQSLDEDN MTKQPGNLRW MAPEVFTQCT RYTIKADVFS YALCLWEILT GEIPFAHLKP AAAAADMAYH HIRPPIGYSI PKPISSLLIR GWNACPEGRP EFSEVVMKLE

Product Details

ECLCNIELMS PASSNSSGSL SPSSSSDCLV NRGGPGRSHV AALRSRFELE YALNARSYAA
LSQSAGQYSS QGLSLEEMKR SLQYTPIDKY GYVSDPMSSM HFHSCRNSSS FEDSS **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: TNNI3K

Alternative Name: TNNI3K ([TNNI3K Products](#))

Background: Serine/threonine-protein kinase TNNI3K (EC 2.7.11.1) (Cardiac ankyrin repeat kinase) (Cardiac troponin I-interacting kinase) (TNNI3-interacting kinase),FUNCTION: May play a role in cardiac physiology. {ECO:0000303|PubMed:12721663}.

Molecular Weight: 92.9 kDa

UniProt: [Q59H18](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
