

Datasheet for ABIN7554396
KTN1 Protein (AA 1-1357) (His tag)



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Overview

Quantity:	1 mg
Target:	KTN1
Protein Characteristics:	AA 1-1357
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KTN1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant KTN1 Protein expressed in mammalian cells.
Sequence:	MEFYESAYFI VLIPSIVITV IFLFFWLFMK ETLYDEV LAK QKREQKLIPT KTDKKKAEKK KNKKKEIQNG NLHESDSESV PRDFKLS DAL AVEDDQVAPV PLNVVETSSS VRERKKKEKK QKPVLEEQVI KESDASKIPG KKVEPVVPTK QPTPPSEAAA SKKPGQKKS KNGSDDQDKK VETLMVPSKR QEALPLHGET KQESGSGKKK ASSKKQKTEN VVDEPLIHA TTYIPLMDNA DSSPVVDKRE VIDLLKPDQV EGIQKSGTKK LKTETDKENA EVKFKDFLLS LKTMMFSEDE ALCVVDLLKE KSGVIQDALK KSSKGELTTL IHQLQEKDKL LAAVKEDAAA TKDRCKQLTQ EMMTEKERSN VVITRMKDRI GTLEKEHNVF QNKIHVS YQE TQQMQMKFQQ VREQMEAEIA HLKQENGILR DAVSNTTNQL ESKQSAELNK LRQDYARLVN ELTEKTGKLQ QEEVQKKNAE QAATQLKVQL QEAERRWEEV QSYIRKRTAE HEAAQQDLQS KFAKENEVQ SLHSKLTDTL VSKQQLEQRL MQLMESEQR VNKEESLQMQ VQDILEQNEA LKAQIQFH S QIAAQT SASV LAEELHKVIA EKDKQIKQTE DSLASERDRL TSKEEELKDI QNMN FLLKAE VQKLQALANE QAAAAHELEK MQQSVYVKDD KIRLLEEQLQ HEISNKMEEF KILNDQNKAL KSEVQKLQTL

VSEQPNKDVV EQMEKCIQEK DEKLKTVEEL LETGLIQVAT KEEELNAIRT ENSSLTKEVQ
DLKAKQNDQV SFASLVEELK KVIHEKDGKI KSVEELLEAE LLKVANKEKT VQDLKQEIKA
LKEEIGNVQL EKAQQLSITS KVQELQNLLK GKEEQMNTMK AVLEEKEKDL ANTGKWLQDL
QEENESLKAH VQEVAQHNLK EASSASQFEE LEIVLKEKEN ELKRLEAMLK ERESLSSKT
QLLQDVQDEN KLFKSQIEQL KQQNYQQASS FPPHEELLKV ISEREKEISG LWNELDSLKD
AVEHQRKKN DLREKNWEAM EALASTEKML QDKVNKTSKE RQQQVEAVEL EAKEVLKCLF
PKVSVPSNLS YGEWLHGFEK KAKECMAGTS GSEEVKLEH KLKEADEMHT LLQLECEKYK
SVLAETEGIL QKLQRSVEQE ENKWVKVDE SHKTIKMQS SFTSSEQELE RLRSENKDIE
NLRREHLE MELEKAEMER STYVTEVREL KDLLTELQKK LDDSYSEAVR QNEELNLLKA
QLNETLTKLR TEQNERQKVA GDLHKAQQLS ELIQSKIVKA AGDTTVIENS DVSPETESSE
KETMSVSLNQ TVTQLQQLLQ AVNQLTKEK EHYQVLE **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:	KTN1
Alternative Name:	KTN1 (KTN1 Products)
Background:	Kinectin (CG-1 antigen) (Kinesin receptor),FUNCTION: Receptor for kinesin thus involved in kinesin-driven vesicle motility. Accumulates in integrin-based adhesion complexes (IAC) upon integrin aggregation by fibronectin.
Molecular Weight:	156.3 kDa
UniProt:	Q86UP2

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