

Datasheet for ABIN7563923
KTN1 Protein (AA 1-1327) (His tag)



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Overview

Quantity:	1 mg
Target:	KTN1
Protein Characteristics:	AA 1-1327
Origin:	Mouse
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:	MELYESTYFI VLIPSVITV IFLFFWLFMK ETLYDEV LAK QKREQKLST KTDKKAEEK KNKKKEIQNG TLRES DSEHV PRDFKLS DAS PAED EQFVPA PLNVAETSSS VRERQKKEKK QKPSLEEQVI KESDASKIPG KKVEPVLVTK QPAPPPPLEA AALKKKAGQK KSKNGSEEQD KKVEMLMAPS KEQDVLLSHQ DTKQEGGLGK KKGLSKKQKS ENVAVLVDEP LIHATTY MPL DNANSNLMMMD KREIIDMIKP DHVEGIQKSG TKKLIETDK ENAEVKFKDF LLSLKTMMFS EDEALCVVDL LKEKSGVIKE ALKKSNGEL SGLLHQLQEK ERLLSAMKED AAASKERCKR LTQEMMTEKE RSSVVIARMK DRIGTLEKEH NIFQNKMHAS YQETQMQMK FQQVQEQMEA EIAHLKQENG ILRDAVSNTT NQLESKQSAE LNKLRQDCGR LVSELNEKTG KLQQEGVQKK NAEQAATQLK VQLQEAERRW EEVQSYIRKR TAEHEAAQD LQSKFVAKEN EVQSLHSLT DTLVSKQLE QRLMQLMESE QKRASKEESL QIQVDILEQ NEALKAIIQQ FHSQIAAQT ASVLAEELHK VIAEKDKQLK QTEDSLANEQ DHLASKEEEL KDVQNMN FLL KAEVQKWQAL ANEQAATAHE VEKMQKSIHV KEDEIRLLEE QLQHEVASKM EELKILSEQN KALQSEVRKL

QTAVSQPNK DVVEQMEKCI QEKDEKLRTV EELLEGLIQ VATREEELSA IRTENSTLTR
EVQELKAKQS DQVSFVSLIE DLKRVIHEKD GQIKSVEELL EVLLKVANK EKTQALKQE
IEVLKEEIGN AQLEKAHQLS VTSQVQELQN LLRGKEEQVN SMKAALED RD RGLTGRGTCA
QVCSTPQFEE LESVLKEKDN EIKRIEVKLIK DTESDVSKMS ELLKEVQEEEN KFLKCQLSHQ
KHQQASFPSQ EELQTVISEK EKEITDLCNE LESLKNAVEH QRKKNNDLRE KNWEAMEALA
STEKMLQDRV NKTSKERRQH VEAIELESKD LLKRLFPTVS VPSNLNYSEW LRGFEKKAKA
CVAGTSDAEA VKVLEHRLKE ASEMHTLLQL ECEKYKSVLA ETEGILQKLQ RSVEQEESKW
KIKADESQRM IKQMSSFTA SERELERLRQ ENKDMENLRR EREHLEMELE KAEMERSTYV
MEVRELKDLL TELQKKLDDS YSEAVRQNEE LNLLKTQLNE THSKLQNEQT ERKKVADDLH
KAQQLNSIH SKISLKAAGD TVIENSDIS PEMESPEKET MSVSLNQT V T QLQQLLQEVN
QQLTKET **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,FUNCTION: Receptor for kinesin thus involved in kinesin-driven vesicle motility. Accumulates in integrin-based adhesion complexes (IAC) upon integrin aggregation by fibronectin (By similarity). {ECO:0000250 UniProtKB:Q86UP2}.
Molecular Weight:	152.6 kDa
UniProt:	Q61595

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