

Datasheet for ABIN7564185
KIF27 Protein (AA 1-1394) (His tag)



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Overview

Quantity:	1 mg
Target:	KIF27
Protein Characteristics:	AA 1-1394
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KIF27 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Kif27 Protein expressed in mammalian cells.
Sequence:	MEEIPIKVAV RIRPLLCKEV LHNHQVCVRD IPNTQQIIIG RDRVTFDFV FGKNSTQDEV YNTCIKPLVL SLIEGYNATV FAYGQTGSGK TYTIGGGHVA SVVEGQKGII PRAIQEIFQS ISENPSIDFK IKVSYIEVYK EDLRDLLELE TSMKDLHIRE DEKGNTVIVG AKECQVESVE DVMSLLQVGN AARHTGTTQM NEHSSRSHAI FTISVCQVEK NAEAAENGEW YSHRHIVSKF HFVDLAGSER VTKTGNTGER FKESIQINSG LLALGNVISA LGDPRRKSSH IPYRDAKTR LLKDSLGGSA KTVMITCVSP SSSDFDESLN SLKYANRARN IRNKPALNIS PQADRMDEME FEIKLLREAL QSHQASISQA SQASSENVPD QNRIHSLEEQ VAQLQEECLG YQDCIEQAF FLVDLKDAVK LNQKQHQHLQ EWFSRTQEV KAVLTPLPGN QGIGNLEEGP QHLTVLQLKR ELKKYQCALA ADQVVFTQKD LELEELRTQV QLMMQESKGH AVSLKEAQKV NRLQNEKII QQLLDQLSA ELAKRSLVSP TSAKESCGDG PDARASEKRP HTAPFESHWG HYVYIPSRQD FKKVCSTPV YSLDQVFAGF RTRSQMLMGH LEDQDEVLHC QFSDNSDDED SEGQEKPRVR SRSHSWAKKP GSVCSLVELS DTQAESQRSY LGNGDLKMES LQESQEINLQ KLRTSELILN

KAKQKMRELT INIRMKEDLI KELIKTGNNNA KSVSRQYSLK VTKLEHEAEQ AKVELTETRK
QLQELESKDL SDVALKVKLQ KEFRKKMDAA KMRVQVLQKK QQDSKKLASL SIQNEKRASE
LEHNVDHLYK QKVQLQRRRLR EEGEKKKQLD AEIKRDQKQI KELQLKAGQG EGLNPKAEDQ
DGFNLNRRKS PFRSGDQFQK LDEQRKWLDE EVEKVLSQRQ ELEMLEEDLK KREAVSKKE
ALLQEKSLLK NKKLRSSQAL STDGLKISAR LNLLDQELSE KSLQLESSPT EEKMKISEQV
QALQRERDQL QRQRNSVDER LKHGRVLSPK EEHLLFQLEE GIEALEAAIE FKNESIQRQ
NSLKASFQNL SQSEANVLEK LVCLNITEIR AILFKYFNKV INLRETERKQ QLQNKEMKMK
VLERDNVVHE LESALEHLRL QCDRRLTLQQ KEHEQKMQLL LQHFKDQDGD SIETLKNYE
DKIQQLEKDL YFYKKTSRDL KKRLKDPAQG AAQWQRTLTE HHDAGDGVLN PEETTVLSEE
LKWASRTENT KLNGSEREVD NSSSSLKTQP LTQQIPEDGP DSLPARSSIA PSSGQLQZIA
DKTEARPFTH SQSPVPHQFQ PVRSIGPLQG VKPVKLCRRE LRQISAMELS LRRCSLGAGG
RSMTADSLED PEEN **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:	KIF27
Alternative Name:	Kif27 (KIF27 Products)
Background:	Kinesin-like protein KIF27,FUNCTION: Plays an essential role in motile ciliogenesis. {ECO:0000269 PubMed:19305393}.
Molecular Weight:	159.0 kDa
UniProt:	Q7M6Z4

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