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Datasheet for ABIN7554289

KIF27 Protein (AA 1-1401) (His tag)

Overview

Quantity:	1 mg
Target:	KIF27
Protein Characteristics:	AA 1-1401
Origin:	Human
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:	<p>MEEIPVKVAV RIRPLLCKEA LHNHQVCVRV IPNSQQVIIG RDRVFTDFV FGKNSTQDEV YNTCIKPLVL SLIEGYNATV FAYGQTGSGK TYTIGGGHIA SVVEGQKGII PRAIQEIFQS ISEHPSIDFN VKVSYIEVYK EDLRDLLELE TSMKDLHIRE DEKGNTVIVG AKECHVESAG EVMSLLEMGN AARHTGTTQM NEHSSRSHAI FTISICQVHK NMEAAEDGSW YSPRHIVSKF HFVDLAGSER VTKTGNTGER FKESIQINSG LLALGNVISA LGDPRRKSSH IPYRDAKTR LLKDSLGGSA KTVMITCVSP SSSNFDESLN SLKYANRARN IRNKPTVNFS PESDRIDEME FEIKLLREAL QSQQAGVSQT TQINREGSPD TNRIHSLEEQ VAQLQGECLG YQCCVEEAFT FLVDLKDTVR LNEKQQHKLQ EWFNMIQEVK KAVLTSFRGI GGTASLEEGP QHVTVLQLKR ELKCCQCVLA ADEVVFNQKE LEVKELKNQV QMMVQENKGGH AVSLKEAQKV NRLQNEKIIIE QQLLVDQLSE ELTKLNLSVT SSAKENCMDG PDARIPERRP YVFPDTHLG HYIYIPSRQD SRKVHTSPPM YSLDRIFAGF RTRSQMLLGH IEEQDKVLHC QFSDNSDDEE SEGQEKSGTR CRSRSWIQKP DSVCSLEVELS DTQDETQKSD LENEKIDC LQESQELNLQ KLNKNSERILT</p>

EAKQKMRELT INIKMKEDLI KELIKTGNDK KSVSKQYSLK VTKLEHDAEQ AKVELIETQK
QLQELENKDL SDVAMKVKLQ KEFRKKMDAA KLRVQVLQKK QQDSKKLASL SIQNEKRANE
LEQSVDHMKY QKIQLQRKLR EENEKRKQLD AVIKRDQQKI KEIQLKTGQE EGLKPKAEDL
DACNLKRRKG SFGSIDHLQK LDEQKKWLDE EVEKVLNQRQ ELEELEADLK KREIVSKKE
ALLQEKSHLE NKKLRSSQAL NTDSLKISTR LNLLEQELSE KNVQLQTSTA EEKTKISEQV
EVLQKEKDQL QKRRHNVDEK LKNGRVLSP EEEHVLFLQEE GIEALEAAIE YRNESIQRNQ
KSLRASFHNL SRGEANVLEK LACLSPVEIR TILFRYFNKV VNLREAERKQ QLYNEEMKMK
VLERDNMVRE LESALDHLKL QCRRRLTLQQ KEHEQKMQLL LHHFKEQDGE GIMETFKTYE
DKIQQLEKDL YFYKKTSRDH KKKLKELVGE AIRRQLAPSE YQEAGDGVK PEGGGMLSEE
LKWASRPESM KLSGREREMD SSASSLRTQP NPQKLWEDIP ELPPHSSLA PPSGHMLGNE
NKTETDDNQF TKSHSRLSSQ IQVVGNVGRL HGVTPVKLCR KELRQISALE LSLRRSSLGV
GIGSMAADSI EVSRKPRDLK T **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:0000250}.
Molecular Weight:	160.3 kDa
UniProt:	Q86VH2

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