

Datasheet for ABIN7564927  
**KIF19 Protein (AA 1-997) (His tag)**



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## Overview

Quantity:	1 mg
Target:	KIF19
Protein Characteristics:	AA 1-997
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KIF19 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Kif19 Protein expressed in mammalian cells.
Sequence:	MKDSGDSKDQ QLMVALRVRP ISVAELEE GA TLIAHKMDEQ MVLMDPMED PDDILRAHRS REKSYLFDVA FDFTATQEMV YQATTKSLIE GVISGYNATV FAYGPTGCGK TYTMLGTDHE PGIYVRTLND LFR AIEETS N DMEYEVSMSY LEIYNEMIRD LLNPALGYLE LREDSKGV IQ VAGITEVSTI NAKEIMQLLM KGNRQRTQEP TAANQTSSRS HAVLQVAVRQ RSRVKNILQE VRQGRLFMID LAGSERASQT QNRGQRMKEG AHINRSL LAL GNCINALSDK GSNKYINYRD SKLTRLLKDS LGGNSRTVMI AHISPASTAF EESRNTLYA GRAKNIRTRV KQNL LNVS YH IAQYTSIIAD LRGEIQLKC KIDQQAGRGQ ARGKLD R GDI RHIQAEVQLH SGQEGPAEMG QLREQLISAF HEQMDVRRRL LELENQAMEV QIDTSRHLLT IAGWEHEKSR RALKWREERR KESYTKEDSE KSDTGDEPD NLEPPEVASA RENIAALVGE QKCLRKEKLA LEQRCELRA RGRLEETLP RRIGSEEQRE VLSLLCRVHE LEVENTEMQS HALLRDSALR HRREAVRRL E QHRSLCDEII QGQRQIIDDY NLEVPRHLEE LYEVYLRELE EGSLERATIM DRVASRALQD SSLPKITPAG ATLTPDSDLE SVKTLSS EAQ RPQNNTLPPL GTDSESYHVF KASPRAWQVK

## Product Details

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SSSVPTPPPI QVGS�VTQEA PPQDSLGSQI NSSPESEN L SEILLSHKER KEILTRTKCI  
SVKAAQRRSR ALGTEGRHLL APATERSSLS LHSLSEADDA RPPGQLACKR PPSPTLQHAI  
SEDNLSSSTG EGPSRAVGPR GDGTGSWVRG QKKCLS KRE ESLEAKRRKR RSRSEFTGQ  
GLSRPKTHLL GPRPSEGLSD RRMPACGRPS PGVRHLGKVS LPLAKVKFPP NQNTGSGNPS  
PLLVAPNQAG VSRRATRGPS LPHGSSTFGK DGRLQHN **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.**

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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.

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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.

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

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Grade: custom-made

## Target Details

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Target: KIF19

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Alternative Name: Kif19 ([KIF19 Products](#))

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Background: Kinesin-like protein KIF19,FUNCTION: Plus end-directed microtubule-dependent motor protein that regulates the length of motile cilia by mediating depolymerization of microtubules at ciliary tips. {ECO:0000269|PubMed:23168168}.

## Target Details

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Molecular Weight: 111.6 kDa

UniProt: [Q99PT9](#)

## Application Details

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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

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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