

Datasheet for ABIN7548815
KIF9 Protein (AA 1-790) (His tag)



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Overview

Quantity:	1 mg
Target:	KIF9
Protein Characteristics:	AA 1-790
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KIF9 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat KIF9 Protein expressed in mammalien cells.
Sequence:	<p>MGTRKKVHAF VRVKPTDDFA HEMIRYGDDK RSIDIHLKKD IRRGVVNNQQ TDWSFKLDGV LHDASQDLVY ETVAKDVVSQ ALDGYNGTIM CYGQTGAGKT YTMMGATENY KHRGILPRAL QQVFRMIEER PTHAITVRVS YLEIYNESLF DLLSTLPYVG PSVTPMTIVE NPQGVFIKGL SVHLTSQEED AFSLLFEGET NRIASHTMN KNSSRSHCIF TIYLEAHSRT LSEEKYITSK INLVDLAGSE RLGKSGSEGQ VLKEATYINK SLSFLEQAI ALGDQKRDHI PFRQCKLTHA LKDSLGGNCN MVLVTNIYGE AAQLEETLSS LRFASRMKLV TTEPAINEKY DAERMVKNLE KELALLKQEL AIHDSLNTRT FVTYDPMDEI QIAEINSQVR RYLEGTLDEI DIISLRQIKE VFNQFRVVL QQEQEVSTL RRKYTLIDRN DFAAISAIQK AGLVDVDGHL VGEPEGQNFV LGVAPFSTKP GKKAKSKKTF KEPLSSLARK EGASSPVNGK DLDYVSTSKT QLVPSKDGDK VKDMLSRDRE TSSIEPLPSD SPKEELRPIR PDTPPSKPVA FEEFKNEQGS EINRIFKENK SILNERRKRA SETTQHINAI KREIDVTKEA LNFQKSLREK QGKYENKGLM IIDEEEFLLI LKLKDLKKQY</p>

Product Details

RSEYQDLRDL RAEIQYCQHL VDQCRHRLLM EFDIWYNESF VIPEDMQMAL KPGGSIRPGM
VPVNRIVSLG EDDQDKFSQL QQRVLPEGPD SISFYNAKVK IEQKHNYLKT MMGLQQAHRK

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.

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, Western Blot

Grade:

custom-made

Target Details

Target:

KIF9

Alternative Name:

KIF9 ([KIF9 Products](#))

Background:

Kinesin-like protein KIF9,FUNCTION: Essential for normal male fertility and for progressive motility of spermatozoa. {ECO:0000250|UniProtKB:Q9WV04}.

Molecular Weight:

90.0 kDa

UniProt:

[Q9HAQ2](#)

Application Details

Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies

Application Details

as well. 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
