

Datasheet for ABIN7554309

KIF11 Protein (AA 1-1056) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	KIF11
Protein Characteristics:	AA 1-1056
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KIF11 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat KIF11 Protein expressed in mammalian cells.
Sequence:	<p>MASQPNSSAK KKEEKGNQI VVRCRPFNL AERKASAHSI VECDPVRKEV SVRTGGLADK</p> <p>SSRKTYTFDM VFGASTKQID VYRSVVCPI DEVIMGYNCT IFAYGQTGTG KTFTMEGERS</p> <p>PNEEYTWEED PLAGIIPRTL HQIFEKLT DN GTEFSVKVSL LEIYNEELFD LLNPSSDVSE</p> <p>RLQMFDDPRN KRGVVIKGL EITVHNKDEV YQILEKGA AK RTTAATLMNA YSSRSHSVFS</p> <p>VTIHMKETTI DGEELVKIGK LNLVDLAGSE NIGRSGAVDK RAREAGNINQ SLLTLGRVIT</p> <p>ALVERTPHVP YRESKLTRIL QDSLGGRTTR SIATISPAS LNLEETLSTL EYAHRAKNIL</p> <p>NKPEVNQKLT KKALIKYTE EIERLKRDLA AAREKNGVYI SEENFRVMSG KLTVQEEQIV</p> <p>ELIEKIGAVE EELNRVTELF MDNKNELDQC KSDLQNKQTQ LETTQKHLQE TKLQLVKEEY</p> <p>ITSALESTEE KLHDAASKLL NTVEETTKDV SGLHSKLDRK KAVDQHNAEA QDIFGKNLNS</p> <p>LFNNMEELIK DGSSKQKAML EVHKTFLFNL LSSSVSALDT ITTVALGSLT SIPENVSTHV</p> <p>SQIFNMILKE QSLAAESKTV LQELINVLKT DLLSSLEMIL SPTVVSILKI NSQLKHIFKT SLTVADKIED</p>

QKKELDGFLS ILCNNLHELQ ENTICSLVES QKQCGNLTED LKTIKQTHSQ ELCKLMNLWT
ERFCALEEKC ENIQKPLSSV QENIQQKSKD IVNKMTFHSQ KFCADSDGFS QELRNFNQEG
TKLVEESVKH SDKLNGNLEK ISQETEQRCE SLNTRTVYFS EQWVSSLNER EQELHNLLEV
VSQCCEASSS DITEKSDGRK AAHEKQHNIF LDQMTIDEDK LIAQNLELNE TIKIGLTKLN
CFLEQDLKLD IPTGTTPQRK SYLYPSTLVR TEPREHLLDQ LKRKQPELLM MLNCSENNKE
ETIPDVDVEE AVLGQYTEEP LSQEPSVDAG VDCSSIGGVP FFQHKKSHGK DKENRGINTL
ERSKVEETTE HLVTKSRLPL RAQINL **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:

KIF11

Alternative Name:

KIF11 ([KIF11 Products](#))

Background:

Kinesin-like protein KIF11 (Kinesin-like protein 1) (Kinesin-like spindle protein HKSP) (Kinesin-related motor protein Eg5) (Thyroid receptor-interacting protein 5) (TR-interacting protein 5) (TRIP-5),FUNCTION: Motor protein required for establishing a bipolar spindle and thus contributing to chromosome congression during mitosis (PubMed:19001501,

Target Details

	PubMed:37728657). Required in non-mitotic cells for transport of secretory proteins from the Golgi complex to the cell surface (PubMed:23857769). {ECO:0000269 PubMed:19001501, ECO:0000269 PubMed:23857769}.
Molecular Weight:	119.2 kDa
UniProt:	P52732

Application Details

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