

Datasheet for ABIN7564100

KIF11 Protein (AA 1-1052) (His tag)



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Overview

Quantity:	1 mg
Target:	KIF11
Protein Characteristics:	AA 1-1052
Origin:	Mouse
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:	MASQPSSLKK KEEKGRNIQV VVRCRPFNLA ERKANAHSVV ECDHARKEVS VRTAGLTDKT SKKTYTFDMV FGASTKQIDV YRSVVCPILD EVIMGYNCTI FAYGQTGTGK TFTMEGERSP NEVYTWEEDP LAGIIPRTLH QIFEKLT DNG TEFSVKVSLLEIYNEELFDL LSPSSDVSER LQMFDDPRNK RGVIKGLLEEITVHNKDEVY QILEKGAAGR TTAATLMNAY SSRSHSVFSV TIHMKETTID GEELVKIGKL NLVDLAGSEN IGRSGAVDKR AREAGNINQS LLTLGRVITA LVERTPHIPY RESKLTRILQ DSLGGRTRTS IIATISPASF NLEETLSTLE YAHRAKNIMN KPEVNQKLTK KALIKYEYTEE IERLKRDLAA AREKNGVYIS EESFRAMNGK VTVQEEQIVE LVEKIAVLEE ELSKATELFM DSKNELDQCK SDLQTKTQEL ETTQKHLQET KLQLVKEEYV SSALERTEKT LHDTASKLLN TVKETTRAVS GLHSLDRKR AIDEHNAEAQ ESFGKNLNSL FNNMEELIKD GSAKQKAMLD VHKTFLGNLM SSSVSALDTI TTALESLSVS IPENV SARVS QISDMILEEQ SLAAQSKSVL QGLIDELVTD LFTSLKTIVA PSVVSILNIN KQLQHIFRAS

STVAEKVEDQ KREIDSFLSI LCNNLHELRE NTVSSLVESQ KLCGDLTEDL KTIKETHSQE
LCQLSSSWAE RFCALEKKYE NIQKPLNSIQ ENTELRSTDI INKTTVHSKK ILAESDGLLQ
ELRHFNQEGT QLVEESVGHC SSLNSNLETV SQEITQKCGT LNTSTVHFSD QWASCLSKRK
EELNLMEFV NGCCKASSSE ITKKVREQSA AVANQHSSFV AQMTSDEESC KAGSLELDKT
IKTGLTKLNC FLKQDLKLDI PTGMTPERKK YLYPTTLVRT EPREQLLDQL QKKQPPMMLN
SSEASKETSQ DMDEEREALQ QCTEELVSPE TTEHPSADCS SSRGLPFFQR KKPHGKDKEN
RGLNPVEKYK VEEASDLSIS KSRLPLHTSI NL

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-related motor protein Eg5),FUNCTION: Motor protein required for establishing a bipolar spindle during mitosis. Required in non-mitotic cells for transport of secretory proteins from the Golgi complex to the cell surface.

Target Details

{ECO:0000250|UniProtKB:P52732}.

Molecular Weight: 118.0 kDa

UniProt: [Q6P9P6](#)

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