

Datasheet for ABIN7548739
KIF2B Protein (AA 1-673) (His tag)



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Overview

Quantity:	1 mg
Target:	KIF2B
Protein Characteristics:	AA 1-673
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KIF2B protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat KIF2B Protein expressed in mammalien cells.
Sequence:	MASQFCLPES PCLSPLKPLK PHFGDIQEGI YVAIQRSDKR IHLAVVTEIN RENYWVTVEW VEKAVKKGKK IDLETILLN PALDSAHPM PPPPLSPLAL APSSAIRDQR TATKWVAMIP QKNQTASGDS LDVRVPSKPC LMKQKKSPCL WEIQLQEQR EKRRRLQQEI RARRALDVNT RNPNYEIMHM IEEYRRHLS SKISVLEPPQ EHRICVCVRK RPLNQRETTL KDLDIITVPS DNVVMVHESK QKVDLTRYLQ NQTFCFDHAF DDKASNELVY QFTAQPLVES IFRKGMATCF AYGQTGSGKT YTMGGDFSGT AQDCSKGIYA LVAQDVFLLL RNSTYEKLDL KVYGTFFFEIY GGKVYDLLNW KKKLQVLEDG NQIQVVGLQ EKEVCCVEEV LNLVEIGNSC RTSRQTPVNA HSSRSHAVFQ IILKSGRIMH GKFSVLVDLAG NERGADTTKA SRKRQLEGAE INKSLALKE CILALGQNKP HTPFRASKLT LVLRDSFIGQ NSSTCMIAI SPGMTSCENT LNTLRYANRV KKLNVDPY HRGHYPYIGHE APRMLKSHIG NSEMSLQRDE FIKIPYVQSE EQKEIEEVET LPTLLGKDTT ISGKGSSQWL ENIQERAGGV HHDIDFCIAR SLSILEQKID ALTEIQKKLK

LLLADLHVKS KVE **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:

KIF2B

Alternative Name:

KIF2B ([KIF2B Products](#))

Background:

Kinesin-like protein KIF2B,FUNCTION: Plus end-directed microtubule-dependent motor required for spindle assembly and chromosome movement. Has microtubule depolymerization activity (PubMed:17538014). Plays a role in chromosome congression (PubMed:23891108).
{ECO:0000269|PubMed:17538014, ECO:0000269|PubMed:23891108}.

Molecular Weight:

76.3 kDa

UniProt:

[Q8N4N8](#)

Pathways:

[Microtubule Dynamics](#)

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
