

Datasheet for ABIN7559081
KIF2B Protein (AA 1-668) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	KIF2B
Protein Characteristics:	AA 1-668
Origin:	Mouse
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:	MASQFCLPLA PRLSPLKPLK SHFTDFQVGI CVAIQRSDKR IHLAVVTEIN RENSWVTVEW VEKGVKKGKK IELETVLLL PALASLEHQR SRRPLRPVSV VPSTAIGDQR TATKWIAMIP HRNETPSGDS QTLMIPSNPC LMKRKKSPCL REIEKLQKQR EKRRRLQLEI RARRALDINT GNPNFETMRM IEEYRRRLDS SKMSSLEPPE DHRICVCVRK RPLNQRETTM KDLDIITIPS HNVVMVHESK QKVDLTRYLE NQTFCFDHAF DDKASNELVY QFTARPLVES IFRKGMATCF AYGQTGSGKT HTMGGAFLGK AQDCSKGIYA LVAQDVFLLL KTPAYEKLEL KVGYGTFFFIY GGKVYDLLNW KKKLQVLEDG NQQVQVVLQ EQEVSCVEEV LNLVELGNSC RTSGQTSVNA HSSRSHAVFQ LILKAGGKLH GKFSVLDLAG NERGADTAKA TRKRQLEGAE INKSLALKE CIRALGKNKS HTPFRASKLT QVLRDSFIGQ NSYTCMIATI SPGMTSCENT LNTLRYANRV KELALEARPY HHCVSPPGHE VPLMIENDNT NSGKSLQRDE VIQIPTVEKE EEKESDELTS KKEPAASWSR SNQWWEAIQE TAEGVNGDVD FCIAQSLSVL EQKIGVLTDI QKKLQSLRED

Product Details

LQKKSQVE **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 during mitosis. Has microtubule depolymerization activity. Plays a role in chromosome congression.
{ECO:0000250|UniProtKB:Q8N4N8}.

Molecular Weight:

75.5 kDa

UniProt:

[Q8C0N1](#)

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
