

Datasheet for ABIN7557355
KIF22 Protein (AA 1-660) (His tag)



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Overview

Quantity:	1 mg
Target:	KIF22
Protein Characteristics:	AA 1-660
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KIF22 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Kif22 Protein expressed in mammalien cells.
Sequence:	MSLRAKTCPO RREMASATSG PGRCVSKGGL GRRPPLARVR VAVRLRPFMD GETEAKELPC VRAIDSCSLE VANWKYQET LKYQDAFYG EKSTQQEVYV GSVQPILRHL LEGQNASVLA YGPTGAGKTH TMLGSPEQPG VIPRALMDLL QLAREESAEG RPWDVSVAMS YLEIYQEKVL DLLDPASGDL VIREDCRNI LIPGLTQKPI TSFSDFEQHF LPASRNRAVG ATRLNQRSSR SHAVLLVKVD QRERLTPFRQ REGKLYLIDL AGSEDNRRTG NQGIRLKESG AINTSLFVLG KVVDALNQLG PRIPYRDSKL TRLLQDSLGG SAHSILIANI APERRFYQDT ISALNFTARS KEVINRPFTN ESLQPHALAP VKLSQKELG PSEAKKAKGP EEESTGSPES TAAPASASQK LSSLQKLSNM DPAMLENLLS MERLLGSQGS QGTPLLNTPK RERMVLMKTV EEKNLEIERL KMKQKELEAK VLAQEAPDPR EKENTPTILQ PPASYSGTVA KPLKKAVVMP LQRIQKQRES SNQIQLLKKG PKRKLEPSPE SEAVEKDEDY WEVQISPELL AHGRKKLLDL LNEGSARELR SLQRIGQKKA QLIVGWRELH GPFSEVEDLE QVEGISGKQV ESFLKANLLS LAASQHSGPS

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:

KIF22

Alternative Name:

Kif22 ([KIF22 Products](#))

Background:

Kinesin-like protein KIF22,FUNCTION: Kinesin family member that is involved in spindle formation and the movements of chromosomes during mitosis and meiosis. Binds to microtubules and to DNA. Plays a role in congression of laterally attached chromosomes in NDC80-depleted cells. {ECO:0000250|UniProtKB:Q14807, ECO:0000250|UniProtKB:Q9I869}.

Molecular Weight:

73.2 kDa

UniProt:

[Q3V300](#)

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
