

Datasheet for ABIN7558062  
**KIF18B Protein (AA 1-834) (His tag)**



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## Overview

Quantity:	1 mg
Target:	KIF18B
Protein Characteristics:	AA 1-834
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KIF18B protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Kif18b Protein expressed in mammalian cells.
Sequence:	MVMAVEDSVV RVVVRVRPPT PKELESQRRP VIQVVDERML VFDPEECDGG FPGLKWSGSH NGPKKKGKDL TFFVDRVFE MATQEDVFQH TTHNILDSFL QGYNCVFAY GATGAGKTH MLGREGEPGI MYLTTMELYR RLEARQEEKQ FEVLISYLEV YNEQIHDLE PKGPLTIRED PDKGVVVPGL SFHQPASAEQ LLEMLTRGNC SRTQHPTDAN ATSSRSHAIF QIFVKQQDRV PGLTQALRVA KMSLIDLAGS ERASSTHAKG ERLREGANIN RLLALINVL NALADAKGRK SHVPYRDSKL TRLLKDSIGG NCRTVMIAAI SPSSLTYEDT YNTLKYADRA KEIRLTLKSN VISVDHHISQ YATICQQLQA EVAFLREKLQ MYEAGAQUALQ QQCSPQPPTL SIPQSLSSSS LQPGPSSQSS TLECHAKNET LQEESLGSDA QGQEIVEESA SEQEQCPQDK QCPTQKPEPN LPGSPSPSVQ AKPGTGQHSP QKQDADHSKQ LALQVRLAQ RQYSLQAAN LLTPDMISEF ETLQQLVLEE SVDHRAESPR SPALARGDPL AQALCSESKS SGYCGPVTRT MAKQLNGLTH TLGAPLAPDC TSDKTFQKPT KEKKRKLTP EPGSLPAPNL EMKRQRQSFL PCLRRGSLPK AQPCSEPRTP KRERASSPSP SSRVCPATVI KSRVPLGSA LQNCSTPLAL PTRDLNNTFN

## Product Details

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VSEESPSKPS FQEFVDWEKV SPELNSTDQP FLPSAPVFIF TKGRKPSLPA VTASKKRRTM  
RPSVSRGRSC IARLHSSTLK KPNRPFTVPE PPLSPHCLDD QRTPKGLTGV TESH **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.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

## Target Details

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Target: KIF18B

Alternative Name: Kif18b ([KIF18B Products](#))

Background: Kinesin-like protein KIF18B,FUNCTION: In complex with KIF2C, constitutes the major microtubule plus-end depolymerizing activity in mitotic cells. Its major role may be to transport KIF2C and/or MAPRE1 along microtubules (By similarity). {ECO:0000250}.

Molecular Weight: 91.9 kDa

UniProt: [Q6PFD6](#)

## Application Details

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Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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