



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### KIF3B (Human) Recombinant Protein (P01)

**Catalog Number:** H00009371-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human KIF3B full-length ORF ( ENSP00000364864, 1 a.a. - 747 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MSKLNKSSSVRVVVRCPMNGKEKAASYDKVVDVDV  
KLGQVSVKNPKGTAHEMPKTFDFDAVYDWNKQFEL  
YDETFRPLVDSVLQGFNGTIFAYGQTGTGKTYTMEGIR  
GDPEKRGVIPNSFDHIFTHISRQNNQYLVRASYLEIY  
QEEIRDLLSKDQTKRLELKERPDTGVYVKDLSSFVTKS  
VKEIEHVMNVGNQNRSVGATNMNEHSSRSHAIFVITIE  
CSEVGLDGENHIRVGKLNLDLAGSERQAKTGAQGER  
LKEATKINLSLSALGNVISALVDGKSTHYPYRDSKLTRLL  
QDSLGGNAKTMVANVGPASYNVEETLTTLRYANRAK  
NIKNKPRVNEPKDALLREFQEEIARLKAQLEKRSIGR  
RKRREKRREGGGSGGGGEEEEEEEEEGEEDDKD  
DYWREQQEKLEIEKRAIVEDHSLVAEEKMRLLEKEKK  
MEDLRREKDAEMLGAKIKAMESKLLVGGKNIVDHTN  
EQKILEQKRQEI AEQRREREIQQMESRDEETLELK  
ETYSSLQQEVDIKTKLKLFSKLQAVKAEIHDLQEEHI  
KERQELEQTQNELTRELKHLIENFIPLEEKSKIMNRA  
FFDEEEDHWKLPITRLENQMMKRPVSAVGYKRPLS  
QHARMSMMIRPEARYRAENIVLLELDMPSRTTRDYEG  
PAIAPKVQAALDAALQDEDEIQVDASSFESTANKKSKA  
RPKSGRKS GSSSSSSGTPASQLYPQSRGLVPK

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 111.5

**Interspecies Antigen Sequence:** Mouse (97); Rat (97)

**Applications:** AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 9371

**Gene Symbol:** KIF3B

**Gene Alias:** HH0048, KIAA0359

**Gene Summary:** The protein encoded by this gene acts as a heterodimer with kinesin family member 3A to aid in chromosome movement during mitosis and meiosis. The encoded protein is a plus end-directed microtubule motor and can interact with the SMC3 subunit of the cohesin complex. In addition, the encoded protein may be involved in the intracellular movement of membranous organelles. This protein and kinesin family member 3A form the kinesin II subfamily of the kinesin superfamily. [provided by RefSeq]