



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### KIFC3 (Human) Recombinant Protein (P01)

**Catalog Number:** H00003801-P01

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

**Product Description:** Human KIFC3 full-length ORF (AAH34234.1, 1 a.a. - 687 a.a.) recombinant protein with GST tag at N-terminal.

**Sequence:**

MVENERLRQEMRRCEAELQELRTKPAGPCPGCEHSQ  
ESAQLRDKLPQLQLEMAESKGMSELNLEVQQKTDRL  
AEVELRLKDCLEAKAQEEERLSRRLRDSHETIASLRAQ  
SPPVKYVIKTVEVESSKTKQALSSEQARNQHLQEQVA  
MQRQVLKEMEQQQLSSHQLTARLRAQIAMYESELER  
AHGQMLEEMQSLEEDKNRAIEEAFARAQVEMKAVHE  
NLAGVVRTNLLTLQPALRTLNDYNGLKRQVRGFPLLLQ  
EALRSVKAIEGQAIIEVNSNNQELLRKYRRELQLRKKC  
HNELVRLKGNIRVIARVRPVTKEDGEGPEATNAVTFDA  
DDDSIIHLLHKGKPVSFELDKVFSPOASQQDVFQEVQA  
LVTSCIDGFNVCIFAYGQTGAGKTYTMEGTAENPGINQ  
RALQLLFSEVQEKASDWEYTITVSAEYNEVLRDLLG  
KEPQEKLEIRLCPDGSQQLYVPLTEFQVQSVDDINKV  
FEFGHTNRTTEFTNLNEHSSRSHALLIVTVRGVDCSTG  
LRTTGKLNLDLAGSERVKGKSGAEGSRLREAQHINKS  
LSALGDVIAALRSRQGHVFPFRNSKLTLLQDSLGGGSK  
TLMVVQVSPVEKNTSETLYSLKFAERVRSVELGPGLR  
RAELGSWSSQEHLEWEPACQTPQPSARAHSA PSSGT  
SSRPGSIRRKLQPSA

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

**Theoretical MW (kDa):** 103.4

**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:** 3801

**Gene Symbol:** KIFC3

**Gene Alias:** DKFZp686D23201, FLJ34694

**Gene Summary:** KIFC3 belongs to the large superfamily of kinesins, molecular motors that use the energy of ATP hydrolysis to translocate cargoes along microtubules. Members share extensive homology within a globular domain containing the microtubule- and ATP-binding sites and have a coiled-coil stalk domain that mediates oligomerization. Different kinesin family members participate in specific and diverse motile processes, such as cell division, organelle transport, and nuclear movement (Hoang et al., 1998 [PubMed 9782090]).[supplied by OMIM]