

Datasheet for ABIN7590438
KIF2C Protein (AA 1-671) (His tag)



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Overview

Quantity:	100 µg
Target:	KIF2C
Protein Characteristics:	AA 1-671
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This KIF2C protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MIDIDDVAAI NPELVQLLPL RPKDSLPLQE NVTIPKQKRK SVNSKIPGPK EGLRSRSTRI</p> <p>STVSEVRIPA QENEMEVELP VSTNSRKFPF IHTGHPRPSC STVTELP LLM ISEEAEQAH</p> <p>STRSTSSANP GNSVRRKSCI VKEMEKMKNK REEKRAQNSE IRIKRAQEYD NSFPNWEFAR</p> <p>MIKEFRVTMD CNPLTVTDPI EEHRICVCVR KRPLNKQELA KKEIDVISVP SKCLLLVHEP</p> <p>KLKVDLTKYL ENQAFCFDFA FDETASNEVV YRFTARPLVQ TIFEGGKATC FAYGQTGSGK</p> <p>THTMGGDL SG KSNASKGIY AMASRDVFLN KNQPRYRSLN LEVYVTFEEI YNGKVFELLN</p> <p>KKAKLRVLED SKQQVQVVGL QEYLVTCADD VIKMINMGSA CRTSGQTFAN SNSSRSHACF</p> <p>QILLRAKGRL HGKFSVLVDLA GNERGADTSS ADRQTRMEGA EINKSLLALK ESIRALGQNK</p> <p>AHTPFRESKL TQVLRDSFIG ENSRTCMIAM ISPGISSCEY TLNLTLYADR VKELSPHSGP</p> <p>SGEQAVQMET EEMDASSHGA SLTGNEEEEL SSQMSSFNEA MTQIRELEER AMEELREIIQ</p> <p>QGPSWLELSE MTDQPDYDLE TFDNKAESAL TQQAQAKHF SALQEVICAL RLAMQLEEQA</p> <p>SKQINSKKRH Q</p>
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Product Details

Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	KIF2C
Alternative Name:	Kinesin-like protein KIF2C (Kif2c) (KIF2C Products)
Background:	Recommended name: Kinesin-like protein KIF2C. Alternative name(s): Kinesin-related protein 2 Mitotic centromere-associated kinesin. Short name= MCAK
UniProt:	Q62909
Pathways:	Microtubule Dynamics

Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol

Handling

Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.