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Datasheet for ABIN1635373
KIF2C Protein (AA 1-671) (His tag)

Overview

Quantity:	1 mg
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: MIDIDDVAAI NPELVQLLPL RPKDSLPLQE NVTIPKQKRK SVNSKIPGPK EGLRSRSTRI
STVSEVRIPA QENEMEVELP VSTNSRKPPF IHTGHRPSC STVTEPLLLM ISEEAEQAH
STRSTSSANP GNSVRRKSCI VKEMEKMKNK REEKRAQNSE IRIKRAQEYD NSFPNWEFAR
MIKEFRVTMD CNPLTVTDPI EEHRICVCVR KRPLNKQELA KKEIDVISVP SKCLLLVHEP
KLKVDLTKYL ENQAFCFDFA FDETASNEVV YRFTARPLVQ TIFEGGKATC FAYGQTGSGK
THTMGGDLSG KSQLASKGIY AMASRDVFLN KNQPRYRSLN LEVYVTFEYI YNGKVFELLN
KKAKLRVLED SKQQVQVGL QEYLVTCADD VIKMINMGSA CRTSGQTFAN SNSSRSHACF
QILLRAKGRL HGKFSVLDA GNERGADTSS ADRQTRMEGA EINKSLLALK ESIRALGQNK
AHTPFRESKL TQVLRDSFIG ENSRTCMIAM ISPGISSCEY TLNTRLRYADR VKELSPHSGP
SGEQAVQMET EEMDASSHGA SLTGNEEEEL SSQMSSFNEA MTQIRELEER AMEELREIIQ
QGPSWLELSE MTDQPDYDLE TFVNKAESAL TQQAQAKHF SALQEVIKAL RLAMQLEEQA
SKQINSKKRH Q

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.