

Datasheet for ABIN7591487

KIF2A Protein (AA 1-705) (His tag)



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Overview

Quantity:	100 µg
Target:	KIF2A
Protein Characteristics:	AA 1-705
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This KIF2A protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MATANFGKIQ IGIYVEIKRS DGRIHQAMVT SLNEDNESVT VEWIENGDTK GKEIDLESIF SLNPDLVPDE DIEPSPEIPP PSSSSKVNKI VKNRRTVASI KNDPPPRDNR VVGSARARPS QLPEQSSSAQ QNGSVSDISP VQAAKKEFGP PSRRKSNCVK EVEKLQEKRE KRRLQQQELR EKRAQDV DAT NPNYEIMCMI RDFRGSLDYR PLTTADPIDE HRICVCVRKR PLNKKETQMK DLDVITIPSK DVVMVHEPKQ KVDLTRYLEN QTFRFDYAFD DSAPNEMVYR FTARPLVETI FERGMATCFA YGQTGSGKTH TMGGDCSGKN QDCSKGIYAL AARDVFLMLK KPNYKKLELQ VYATFFEIYS GKVFDLLNRK TKLRVLEDGK QQVQVVLQE REVKCVEDVL KLIDIGNSCR TSGQTSANAH SSRSHAVFQI ILRRKGKLHG KFLSLIDLGN ERGADTSSAD RQTRLEGAEI NKSLALKEC IRALGRNKP THPRASKLTQ VLRDSFIGEN SRTCMIAITIS PGMASCENTL NTRYANRVK ELTVDP TAAG DVRPIMHHP SQIDDL ETQW GVGSSPQRDD LKLLCEQNEE EVSPQLFTFH EAVSQMVEME EQVVEDHRAV FQESIRWIED EKALLEMTEE VDYDVDSYAT QLEAILEQKI DILTEL RDKV KSFRAALQEE EQASKQINPK RPRAL
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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:	KIF2A
Alternative Name:	Kinesin-like protein KIF2A (Kif2a) (KIF2A Products)
Background:	Recommended name: Kinesin-like protein KIF2A. Alternative name(s): Kinesin-2
UniProt:	Q9WV63
Pathways:	Microtubule Dynamics , Ribonucleoprotein Complex Subunit Organization

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 Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to

Handling

one week

Storage: -20 °C

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.