



Recombinant Rat Kinesin-like protein KIF2C (Kif2c)

Product Code	CSB-EP717290RA-B
Abbreviation	Kif2c
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q62909
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	MIDIDDVAAI NPELVQLLPL RPKDSLPLQE NVTIPKQKRK SVNSKIPGPK EGLRSRSTRI STVSEVRIPA QENEMEVELP VSTNSRKFPF IHTGHPRPSC STVTELP LLM ISEEAEQAH STRSTSSANP GNSVRRKSCI VKEMKMKNK REEKRAQNSE IRIKRAQEYD NSFPNWEFAR MIKEFRVTMD CNPLTVTDPI EEHRICVCVR KRPLNKQELA KKEIDVISVP SKCLLLVHEP KLVKDLTKYL ENQAFCFDFA FDETASNEVV YRFTARPLVQ TIFEGGKATC FAYGQTGSGK THTMGDLGSG KSQNASKGIY AMASRDVFLN KNQPRYRSLN LEVYVTFEII YNGKVFELLN KKAKLRVLED SKQQVQVVGL QEYLVTCADD VIKMINMGSA CRTSGQTFAN SNSSRSHACF QILLRAKGR L HGKFSLVDLA GNERGADTSS ADRQTRMEGA EINKSLLALK ESIRALGQNK AHTPFRESKL TQVLRDSFIG ENSRTCMIAM ISPGISSCEY TLNLTLYADR VKELSPHSGP SGEQAVQMET EEMDASSHGA SLTGNEEEEL SSQMSSFNEA MTQIRELEER AMEELREIIQ QGPSWLELSE MTDQPDYDLE TFMNKAESAL TQQAQAKHF SALQEVIKAL RLAMQLEEQ A SKQINSKKRH Q
Source	E.coli
Target Names	Kif2c
Protein Names	Recommended name: Kinesin-like protein KIF2C Alternative name(s): Kinesin-related protein 2 Mitotic centromere-associated kinesin Short name= MCAK
Expression Region	1-671
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This protein is a member of kinesin-like protein family. Proteins of this family are microtubule-dependent molecular motors that transport organelles within cells and move chromosomes during cell division. This protein is important for anaphase chromosome segregation and may be required to coordinate the



onset of sister centromere separation.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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