

Recombinant Mouse Kif2c Protein, Myc/DDK-tagged

Cat. No. Kif2c-3693M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length kinesin family member 2C (Kif2c), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	In complex with KIF18B, constitutes the major microtubule plus-end depolymerizing activity in mitotic cells. Regulates the turnover of microtubules at the kinetochore and functions in chromosome segregation during mitosis. Plays a role in chromosome congression and is required for the lateral to end-on conversion of the chromosome-microtubule attachment.
Molecular Mass	81.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Kif2c kinesin family member 2C [Mus musculus (house mouse)]
Official Symbol	Kif2c
Synonyms	KIF2C; kinesin family member 2C; kinesin-like protein KIF2C; kinesin-like 6; mitotic centromere-associated kinesin; MCAK; ESTM5; Kns16; X83316; 4930402F02Rik; MGC11883
Gene ID	73804
mRNA Refseq	NM_134471
Protein Refseq	NP_608301
UniProt ID	Q922S8

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