

Recombinant Mouse Kif20a Protein, Myc/DDK-tagged

Cat. No. Kif20a-3692M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length kinesin family member 20A (Kif20a), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Mitotic kinesin required for chromosome passenger complex (CPC)-mediated cytokinesis. Following phosphorylation by PLK1, involved in recruitment of PLK1 to the central spindle. Interacts with guanosine triphosphate (GTP)-bound forms of RAB6A and RAB6B. May act as a motor required for the retrograde RAB6 regulated transport of Golgi membranes and associated vesicles along microtubules. Has a microtubule plus end-directed motility.
Molecular Mass	99.9 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

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Kif20a kinesin family member 20A [*Mus musculus* (house mouse)]

Official Symbol Kif20a

Synonyms KIF20A; kinesin family member 20A; kinesin-like protein KIF20A; Rabkinesin-6; kinesin-like protein 174; rab6-interacting kinesin-like protein; AA415432; Rab6kifl

Gene ID 19348

mRNA Refseq NM_001166406

Protein Refseq NP_001159878

UniProt ID P97329

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