

Recombinant Full Length Human KIF20A Protein, C-Flag-tagged

Cat. No. KIF20A-1366HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human KIF20A Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Enables protein kinase binding activity. Involved in microtubule bundle formation; midbody abscission; and regulation of cytokinesis. Located in several cellular components, including cleavage furrow; intercellular bridge; and midbody. Implicated in restrictive cardiomyopathy.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	100.1 kDa
AA Sequence	MSQGILSPAGLLSDDDVVVSPMFESTAADLGSVVRKNLLSDCSVVSTSLEDKQQV PSEDSMEKVKVYLR VRPLLSELERQEDQGCVRIENVETLVLQAPKDSFALKSNER GIGQATHRFTFSQIFGPEVGQASFFNLT VKEMVKDVLKGQNWLIYTYGVTNSGKTH TIQGTIKDGGILPRSLALIFNSLQGQLHPTPDLKPLLSNEVI WLDSKQIRQEEMKKLSL LNGGLQEEELSTSLKRSVYIESRIGTSTSFDSGIAGLSSISQCTSSSQLDETS HRWA QPDTAPLPVPANIRFSIWISFFEIYNELLYDLLEPPSQQRKRQTLRLCEDQNGNPYVK DLNWIHVQ DAEEAWKLLKVGRKNQSFATHLNQNSSRSHSIFSIRILHLQGECDIVP KISELSLCDLAGSERCKDQKS GERLKEAGNINTSLHTLGRCIAALRQNQQNRSKQNL

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VPFRDSKLTRVFQGGFTGRGRSCMIVNVNPCAST YDETLHVAKFSAIASQLVHAPP
 MQLGFPSLHSHFIKEHSLQVSPSLEKGAKADTGLDDDIENEADISMYGK EELLQVVEA
 MKTLLLLKERQEKLQLEMHLRDEICNEMVEQMQQREQWCSEHLDTQKELLEEMYEE
 KLNILK ESLSFYQEEIQERDEKIEELEALLQEARQQSVAHQQSGSELALRRSQRLA
 ASASTQQLQEVKAKLQQCK AELNSTTEELHKYQKMLEPPPSAKPFTIDVDKKLEEG
 QKNIRLLRTELQKLGESLQSAERACCHSTGAGK LRQALTTCDDILIKQDQTLAELQN
 NMVLVKLDLRKKAACIAEQYHTVLKLQGQVSAKKRLGTNQENQQPN
 QQPPGKKPFLRNLLPRTPTCQSSTDCSPYARILRSRRSPLLKSGPFGKKYTRTRPLE
 QKLISEEDLAANDILDYKDDDDKV

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.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Full Length	Full L.

GENE INFORMATION

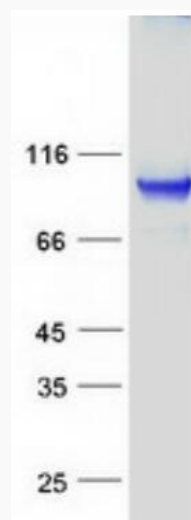
Gene Name	KIF20A kinesin family member 20A [Homo sapiens (human)]
Official Symbol	KIF20A

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Synonyms	RCM6; MKLP2; RAB6KIFL
Gene ID	10112
mRNA Refseq	NM_005733.3
Protein Refseq	NP_005724.1
MIM	605664
UniProt ID	O95235



Coomassie blue staining of purified KIF20A protein.