Recombinant Human KIF3A Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. KIF3A-4485H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	KIF3A MS Standard C13 and N15-labeled recombinant protein (NP_008985) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	KIF3A (Kinesin Family Member 3A) is a Protein Coding gene. Diseases associated with KIF3A include Polycystic Kidney Disease 2 With Or Without Polycystic Liver Disease and Usher Syndrome, Type I. Among its related pathways are Organelle biogenesis and maintenance and Signaling by GPCR. Gene Ontology (GO) annotations related to this gene include ATPase activity and microtubule binding. An important paralog of this gene is KIF3B.
Molecular Mass	80 kDa
AA Sequence	MPINKSEKPESCDNVKVVVRCRPLNEREKSMCYKQAVSVDEMRGTITVHKTDSSNE PPKTFTFDTVFGPESKQLDVYNLTARPIIDSVLEGYNGTIFAYGQTGTGKTFTMEGVR AIPELRGIIPNSFAHIFGHIAKAEGDTRFLVRVSYLEIYNEEVRDLLGKDQTQRLEVKE RPDVGVYIKDLSAYVVNNADDMDRIMTLGHKNRSVGATNMNEHSSRSHAIFTITIEC SEKGIDGNMHVRMGKLHLVDLAGSERQAKTGATGQRLKEATKINLSLSTLGNVISAL VDGKSTHVPYRNSKLTRLLQDSLGGNSKTMMCANIGPADYNYDETISTLRYANRAK NIKNKARINEDPKDALLRQFQKEIEELKKKLEEGEEISGSDISGSEEDDDEEGEVGED

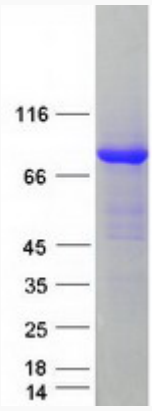
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Email: info@creative-biomart.com Fax: 1-631-938-8127
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	GEKRKKRRGKKKVSPDKMIEMQAKIDEERKALETKLDMEEEERNKARAELEKREKD LLKAQQEHQSLLEKLSALEKKVIVGGVDLLAKAEEQEKLLEESNMELEERRKRAEQL RRELEEKEQERLDIEEKYTSLQEEAQGKTKKLKKVWTMLMAAKSEMADLQQEHQR EIEGLLENIRQLSRELRLQMLIIDNFIPRDYQEMIENYVHWNEDIGEWQLKCVAYTGN NMRKQTPVPDKKEKDPFEVDLSHVYLAYTEESLRQSLMKLERPRTSKGKARPKTGR RKRSAKPETVIDSLLQTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	KIF3A kinesin family member 3A [Homo sapiens (human)]
Official Symbol	KIF3A
Synonyms	KIF3A; kinesin family member 3A; kinesin-like protein KIF3A; kinesin family protein 3A; microtubule plus end-directed kinesin motor 3A;
Gene ID	11127
mRNA Refseq	NM_007054

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Protein Refseq	NP_008985
MIM	604683
UniProt ID	Q9Y496
SDS-PAGE	

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