

Recombinant Human KIF16B Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. KIF16B-1737H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	KIF16B MS Standard C13 and N15-labeled recombinant protein (NP_078980) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a kinesin-like protein that may be involved in intracellular trafficking. Three transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	152.5 kDa
AA Sequence	MASVKVAVRVRPMNRREKDLAKFIIQMEKSKTTITNLKIPEGGTGDSEGRERTKTFTY DFSFYADTKSPDYVSQEMVFKTLGTDVVKSAFEGYNACVFAYGQTGSGKSYTMM GNSGDSGLIPRICEGLFSRINETTRWDEASFRTEVSYLEIYNERVRDLLRRKSSKTFN LRVREHPKEGPYVEDLSKHLVQNYGDVEELMDAGNINRTTAATGMNDVSSRSHAIF TIKFTQAKFDSEMP CETVSKIHLVDLAGSERADATGATGVRLKEGGNINKSLVTLGNV ISALADLSQDAANTLAKKKQVFVPYRDSVLTWLLKDSLGGNSKTIMIATISPADVNYG ETLSTLRYANRAKNIINKPTINEDANVKLIRELRAEIARLKTLLAQGNQIALLDSPALS MEEKLQQNEARVQELTKEWTNKWNETQNILKEQTLALRKEGIGVLDSELPHLIGID DDLLSTGIILYHLKEGQTYVGRDDASTEQDIVLHGLDLESEHCIFENIGGTVTLIPLSGS QCSVNGVQIVEATHLNQGAVILLGRTNMFRFNHPKEAAKLREKRKSGLLSSFSLSMT

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DLSKSRENLSAVMLYNPGLEFERQQREELEKLESKRKLIEEMEEKQKSDKAELERM
 QQEVETQQRKETEIVQLQIRKQEEESLKRRSFHIENKLKDLLAEKEKFEEERLREQQEIE
 LQKKRQEEETFLRVQEELQRLKELNNNEKAIEKFQIFQELDQLQKEKDEQYAKLELEK
 KRLEEQKEQVMLVAHLEEQLREKQEMIQLLRGEVQWVEEEKRDLEGIRESLLRV
 KEARAGGDEDGEELEKAQLRFFFEFKRRQLVKLVNLEKDLVQQKDILKKEVQEEQEIL
 ECLKCEHDKESRLLLEKHDESVDVTEVPQDFEIKIPVEYRLQYKERQLQYLLQNHLP
 TLLEEKQRAFEILDRGPLSLDNTLYQVEKEMEEKEEQLAQYQANANQLQKLQATFEF
 TANARQEEKVRKKEKEILESREKQQREALERALARLERRHSALQRHSTLGMEIEEQ
 RQKLASLNSGSREQSGLQASLEAEQEAELEKDQERLEYEIQQLKQKIYEVDGVQKDH
 HGTLEGKVASSSLPVSAEKSHLVPLMDARINAYIEEEVQRRQLDLHRVISEGCSTSA
 DTMKDNEKLHNGTIQRKLKYERMVSRSLGANPDDLKDPIKISIPRYVLCGQGKDAHF
 EFEVKITVLDETWTVFRRYSRFREMHKTLKLYAELAALEFPKKLFGNKDERVIAER
 RSHLEKYLRDFFSVMLQSATSPLHINKVGLTSLKHTICEFSPFFKKGVDYSSHGTGT
 RTRPLEQKLISEEDLAANDILDYKDDDDKV

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**

KIF16B kinesin family member 16B [Homo sapiens (human)]

Official Symbol

KIF16B

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Synonyms KIF16B; kinesin family member 16B; C20orf23, chromosome 20 open reading frame 23; kinesin-like protein KIF16B; dJ971B4.1; FLJ20135; SNX23; sorting nexin 23; kinesin motor protein; C20orf23; KISC20ORF;

Gene ID 55614

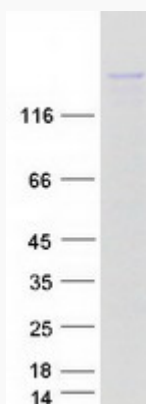
mRNA Refseq NM_024704

Protein Refseq NP_078980

MIM 618171

UniProt ID Q96L93

SDS-PAGE



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