

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	MASVKVAVRVRPMNRREKDLEAKFIIQMEKSKTTITNLKIPEGGTGDSEGRERTKTFTY DFSFYADTKSPDYVSQEMVFKTLGTDVVKSAFEGYNACVFAYGQTGSGKSYTMM GNSGDSGLIPRICEGLFSRINETTRWDEASFRTEVSYLEIYNERVRDLLRRKSSKTFN LRVREHPKEGPYVEDLSKHLVQNYGDVEELMDAGNINRTTAATGMNDVSSRSHAIF TIKFTQAKFDSEMP CETVSKIHLVDLAGSERADATGATGVRLKEGGNINKSLVTLGNV ISALADLSQDAANTLAKKKQVFVPYRDSVLTWLLKDSLGGNSKTIMIATISPADVNYG ETLSTLRYANRAKNIINKPTINEDANVKLIRELRAE IARLKTLLAQGNQIALLDSP TALS MEEKLQQNEARVQELTKEWTKWNETQNILKEQTLALRKEGIGVLDSELPHLIGID DDLLSTGIILYHLKEGQTYVGRDDASTEQDIVLHGLDLESEHCIFENIGGTVTLIPLSGS QCSVNGVQIVEATHLNQGAVILLGRTNMFRFNHPKEAAKLREKRKSGLLSSFSLSMT

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

DLSKSRENLSAVMLYNPGLEFERQQREELEKLESKRKLIEEMEEKQKSDKAELERM
 QQEVETQQRKETEIVQLQIRKQEEESLKRRSFHIENKLDLLAEKEKFEEERLREQQEIE
 LQKKRQEEETFLRVQEELQRLKELNNNEKAIEKFQIFQELDQLQKEKDEQYAKLELEK
 KRLEEQKEQVMLVAHLEEQLREKQEMIQLLRGEVQWVEEEKRDLEGIRESLLRV
 KEARAGGDEDGEELEKAQLRFFFEFKRRQLVKLVNLEKDLVQQKDILKKEVQEEQEIL
 ECLKCEHDKESRLLKHDSEVTDVTEVPQDFEIKIPVEYRLQYKERQLQYLLQNHLP
 TLLEEKQRAFEILDRGPLSLDNTLYQVEKEMEEKEEQLAQYQANANQLQKLQATFEF
 TANIARQEEKVRKKEKEILESREKQQREALERALARLERRHSALQRHSTLGMEIEEQ
 RQKLASLNSGSREQSGLQASLEAEQEALEKDQERLEYEIQQLKQKIYEVDGVQKDH
 HGTLEGKVASSSLPVSAEKSHLVPLMDARINAYIEEEVQRRQLDLHRVISEGCSTSA
 DTMKDNEKLHNGTIQRKLKYERMVSRSLGANPDDLKDPIKISIPRYVLCGQGKDAHF
 EFEVKITVLDETWTVFRRYSRFREMHKTLKLKYAELAALEFPKKLFGNKDERVIAER
 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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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	