

Recombinant Human KIF11 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. KIF11-2211H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	KIF11 MS Standard C13 and N15-labeled recombinant protein (NP_004514) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a motor protein that belongs to the kinesin-like protein family. Members of this protein family are known to be involved in various kinds of spindle dynamics. The function of this gene product includes chromosome positioning, centrosome separation and establishing a bipolar spindle during cell mitosis.
Molecular Mass	119 kDa
AA Sequence	MASQPNSSAKKKEEKGNIQVVVRCRPFNLAERKASAHSIVECDPVRKEVSVRTGG LADKSSRKTYTFDMVFGASTKQIDVYRSVVCILDEVIMGYNCTIFAYGQTGTGKTFT MEGERSPNEEYTWEEEDPLAGIIPRTLHQIFEKLTGTEFSVKVSLLEIYNEELFDLLN PSSDVSERLQMFDDPRNKRGVIIKGLEEITVHNKDEVYQILEKGAAKRTTAATLMNAY SSRSHSVFSVTIHMKETTIDGEEELVKIGKLNLDLAGSENIGRSGAVDKRAREAGNIN QSLTLGRVITALVERTPHVPYRESKLTRILQDSLGGRTRTSIIATISPASLNLEETLST LEYAHRANKNILNKPEVNQKLTKKALIKYEETIEERLKRDLAAAREKNGVYISEENFRVM SGKLTVQEEQIVELIEKIGAVEEELNRVTELFMDNKNELDQCKSDLQNKQTQELETTQK HLQETKLQLVKEEYITSALESTEEKLHDAASKLLNTVEETTKDVSGLHSLDRKKAVD

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QHNAEAQDIFGKNLNSLFNNMEELIKDGSSKQKAMLEVHKTFLGNLLSSSVSALDTIT
 TVALGSLTSIPENVSTHVSQIFNMILKEQSLAAESKTVLQELINVLKTDLLSSLEMILSP
 TVVSILKINSQLKHIFKTS�TVADKIEDQKKELDGFLSILCNNLHELQENTICSLVESQK
 QCGNLTEDLKTIKQTHSQELCKLMNLWTERFCALEEKCENIQKPLSSVQENIQQKSK
 DIVNKMTFHSQKFCADSDGFSQELRNFNQEGTKLVEESVKHSDKLNNGNLEKISQET
 EQRCESLNTRTVYFSEQWVSSLNEREQELHNLLEVVSQCCEASSSDITEKSDGRKA
 AHEKQHNIFLDQMTIDEDKLI AQNLELNETIKIGLTKLNCFLEQDLKLDIPTGTTTPQRKS
 YLYPSTLVRTEPREHLLDQLKRKQPELLMMLNCSENNKEETIPDVDVEEAVLGQYTE
 EPLSQEPSVDAGVDCSSIGGVPPFQHKKSHGKDKENRGINTLERSKVEETTEHLVTK
 SRLPLRAQINLTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 KIF11 kinesin family member 11 [Homo sapiens (human)]

Official Symbol KIF11

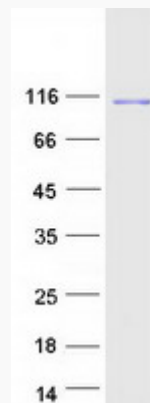
Synonyms KIF11; kinesin family member 11; kinesin like 1, KNSL1; kinesin-like protein KIF11; Eg5; HKSP; TRIP5; TRIP-5; kinesin-like protein 1; TR-interacting protein 5; kinesin-like spindle protein HKSP; kinesin-related motor protein Eg5; thyroid receptor-

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interacting protein 5; EG5; KNSL1; MCLMR;

Gene ID 3832**mRNA Refseq** NM_004523**Protein Refseq** NP_004514**MIM** 148760**UniProt ID** P52732**SDS-PAGE** 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