

## Active Recombinant Human KIF11 Protein, Myc/DDK-tagged

Cat. No. KIF11-01H    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant protein of human kinesin family member 11 (KIF11) with a C-Myc/DDK tag was expressed in HEK293T.                                                                                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                            |
| <b>Description</b>      | 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. |
| <b>Bio-activity</b>     | Enzyme substrate.                                                                                                                                                                                                                                                                                                                 |
| <b>Molecular Mass</b>   | 119 kDa                                                                                                                                                                                                                                                                                                                           |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                       |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                     |
| <b>Storage</b>          | Store at -80 centigrade.                                                                                                                                                                                                                                                                                                          |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                  |

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**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

## GENE INFORMATION

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

**Official Symbol** KIF11

**Synonyms**

KIF11; kinesin family member 11; EG5; HKSP; KNSL1; MCLMR; TRIP5; kinesin-like protein KIF11; TR-interacting protein 5; TRIP-5; kinesin-like protein 1; kinesin-like spindle protein HKSP; kinesin-related motor protein Eg5; thyroid receptor-interacting protein 5

**Gene ID** 3832

**mRNA Refseq** NM\_004523

**Protein Refseq** NP\_004514

**MIM** 148760

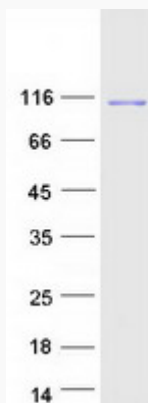
**UniProt ID** P52732

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## SDS-PAGE



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