

## Recombinant Human KIF11 Protein (M1-K368), His tagged

**Cat. No.** KIF11-0708H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human 6His-TEV-(G)-KIF11(M1-K368) Protein was expressed in E. coli.                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                   |
| <b>Source</b>           | E.coli                                                                                                                                                                                  |
| <b>ProteinLength</b>    | M1-K368                                                                                                                                                                                 |
| <b>Description</b>      | Motor protein required for establishing a bipolar spindle during mitosis. Required in non-mitotic cells for transport of secretory proteins from the Golgi complex to the cell surface. |
| <b>Form</b>             | Liquid                                                                                                                                                                                  |
| <b>Endotoxin</b>        | < 0.01 EU per µg of the protein                                                                                                                                                         |
| <b>Purity</b>           | 90%                                                                                                                                                                                     |
| <b>Stability</b>        | Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.                                                                                               |
| <b>Storage</b>          | Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.                     |

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|                       |                                                                      |
|-----------------------|----------------------------------------------------------------------|
| <b>Storage Buffer</b> | Supplied as sterile 50mM Tris-HCl (pH 7.5), 200mM NaCl, 20% glycerol |
|-----------------------|----------------------------------------------------------------------|

|                 |                                  |
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| <b>Shipping</b> | It is shipped out with blue ice. |
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## GENE INFORMATION

|                  |                                                         |
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| <b>Gene Name</b> | KIF11 kinesin family member 11 [ Homo sapiens (human) ] |
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|------------------------|-------|
| <b>Official Symbol</b> | KIF11 |
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| <b>Synonyms</b> | 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-interacting protein 5; EG5; KNSL1; MCLMR; |
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| <b>Gene ID</b> | 3832 |
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|--------------------|-----------|
| <b>mRNA Refseq</b> | NM_004523 |
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| <b>Protein Refseq</b> | NP_004514 |
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| <b>MIM</b> | 148760 |
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|-------------------|--------|
| <b>UniProt ID</b> | P52732 |
|-------------------|--------|

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