

## Recombinant Human KIF2C, GST-tagged

**Cat. No.** KIF2C-372H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human KIF2C protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.                                                         |
| <b>Species</b>          | Human                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                            |
| <b>ProteinLength</b>    | 255-518aa                                                                                                                                                         |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                         |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol. |

### GENE INFORMATION

|                        |                                                                                                                                                                                                                          |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | KIF2C kinesin family member 2C [ Homo sapiens ]                                                                                                                                                                          |
| <b>Official Symbol</b> | KIF2C                                                                                                                                                                                                                    |
| <b>Synonyms</b>        | KIF2C; kinesin family member 2C; kinesin like 6 (mitotic centromere associated kinesin) , KNSL6; kinesin-like protein KIF2C; MCAK; kinesin-like 6; kinesin-like protein 6; mitotic centromere-associated kinesin; KNSL6; |

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| <b>Gene ID</b>             | 11004                                                                                                                                                                                                                                                                                                                                                                         |
| <b>mRNA Refseq</b>         | NM_006845                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Protein Refseq</b>      | NP_006836                                                                                                                                                                                                                                                                                                                                                                     |
| <b>MIM</b>                 | 604538                                                                                                                                                                                                                                                                                                                                                                        |
| <b>UniProt ID</b>          | Q99661                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Chromosome Location</b> | 1p34.1                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Pathway</b>             | Aurora B signaling, organism-specific biosystem; Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; DNA Replication, organism-specific biosystem; Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; Hemostasis, organism-specific biosystem; Kinesins, organism-specific biosystem; |
| <b>Function</b>            | ATP binding; centromeric DNA binding; microtubule motor activity; microtubule plus-end binding; nucleotide binding; protein binding;                                                                                                                                                                                                                                          |