

Recombinant Human KIF3A, GST-tagged

Cat. No. KIF3A-373H Lot. No. (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Recombinant Human KIF3A protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose. |
| Species | Human |
| Source | E.coli |
| ProteinLength | 1-355aa |
| Storage | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles. |
| Storage Buffer | 1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol. |

GENE INFORMATION

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|------------------------|---|
| Gene Name | KIF3A kinesin family member 3A [Homo sapiens] |
| Official Symbol | KIF3A |
| Synonyms | KIF3A; kinesin family member 3A; kinesin-like protein KIF3A; kinesin family protein 3A; microtubule plus end-directed kinesin motor 3A; |
| Gene ID | 11127 |

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|----------------------------|--|
| mRNA Refseq | NM_007054 |
| Protein Refseq | NP_008985 |
| MIM | 604683 |
| UniProt ID | Q9Y496 |
| Chromosome Location | 5q31 |
| Pathway | Endochondral Ossification, organism-specific biosystem; Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; Hedgehog signaling events mediated by Gli proteins, organism-specific biosystem; Hemostasis, organism-specific biosystem; Insulin Signaling, organism-specific biosystem; Kinesins, organism-specific biosystem; |
| Function | ATP binding; microtubule motor activity; nucleotide binding; plus-end-directed microtubule motor activity; protein binding; |

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