

## Recombinant Human KIF18A, GST-tagged

Cat. No. KIF18A-361H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Human KIF18A protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.

**Species** Human

**Source** E.coli

**ProteinLength** 1-279aa

**Storage** The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.

**Storage Buffer** 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

**Gene Name** KIF18A kinesin family member 18A [ Homo sapiens ]

**Official Symbol** KIF18A

**Synonyms** KIF18A; kinesin family member 18A; kinesin-like protein KIF18A; DKFZP434G2226; MS-KIF18A; DKFZp434G2226;

**Gene ID** 81930

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



<b>mRNA Refseq</b>	NM_031217
<b>Protein Refseq</b>	NP_112494
<b>MIM</b>	611271
<b>UniProt ID</b>	Q8NI77
<b>Chromosome Location</b>	11p14.1
<b>Pathway</b>	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; M Phase, organism-specific biosystem;
<b>Function</b>	ATP binding; actin binding; microtubule binding; microtubule plus-end binding; nucleotide binding; plus-end-directed microtubule motor activity; protein binding; tubulin-dependent ATPase activity; ubiquitin binding;

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