

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 ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 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

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mRNA Refseq	NM_031217
Protein Refseq	NP_112494
MIM	611271
UniProt ID	Q8NI77
Chromosome Location	11p14.1
Pathway	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;
Function	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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