

Recombinant Human KIF5B protein, GST-tagged

Cat. No. KIF5B-30173H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KIF5B (662-782 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Glu662-Leu782
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	ESVDALSEELVQLRAQEKVHEMEKEHLNKVQTANEVKQAVEQQIQSHRETHQKQIS SLRDEVEAKAKLITDLQDQNQKMMLEQERLRVEHEKCLKATDQEKSRKLHELTVMQD RREQARQDL
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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GENE INFORMATION

Gene Name	KIF5B kinesin family member 5B [Homo sapiens]
Official Symbol	KIF5B
Synonyms	KIF5B; kinesin family member 5B; KNS1; kinesin-1 heavy chain; KNS; kinesin heavy chain; kinesin 1 (110-120kD); ubiquitous kinesin heavy chain; conventional kinesin heavy chain; KINH; UKHC;
Gene ID	3799
mRNA Refseq	NM_004521
Protein Refseq	NP_004512
MIM	602809
UniProt ID	P33176

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