

Recombinant Human KIF2B protein, His-tagged

Cat. No. KIF2B-371H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KIF2B protein(NP_115948.4)(1 - 350 aa), fused to His-tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1 - 350 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	MASQFCLPESPCLSPKPLKPHFGDIQEGIYVAIQRSDKRIHLAVVTEINRENYWVTV EWVEKAVKKGKKIDLETILLNPAIDSAEHPMPPLSPLALAPSSAIRDQRTATKWV AMIPQKNQTASGDSLDRVPSKPCLMKQKKSPCLWEIQKLQEQRKRRRLQQEIRA RRALDVNTRNPNYEIMHMIEEYRRHLDSSKISVLEPPQEHRICVCVRKRPLNQRETT LKDLDIITVPSDNVVMVHESKQKVDLTRYLQNQTFCFDHAFDDKASNELVYQFTAQP LVESIFRKGMAITCFAYGQTGSGKTYTMGGDFSGTAQDCSKGIYALVAQDVFLLLRN STYEKLDL
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.

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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.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used). Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature (see below).

GENE INFORMATION

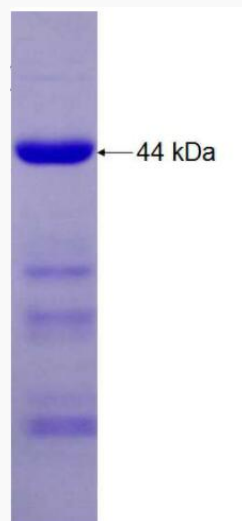
Gene Name	KIF2B kinesin family member 2B [Homo sapiens (human)]
Official Symbol	KIF2B
Gene ID	84643
mRNA Refseq	NM_032559.5
Protein Refseq	NP_115948.4
UniProt ID	Q8N4N8

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SDS-PAGE



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