

Recombinant Human KIF13A protein, His-tagged

Cat. No. KIF13A-3900H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KIF13A protein(1377-1560 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1377-1560 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	RHIRRSLSTPNVHNVSSSRPDLSGFDEDDKGWPENQLDMSDYSSSYQDVACYGTL PRDSPRRNKEGCTSETPHALTVSPFKAFSPQPPKFFKPLMPVKEEHKKRIALEARPL LSQEDSEEEENELEAINRKLISQPYVPVEFADFSVYNASLENREWFSSKVDLSNSR VLEKEVSRSPPTSSI
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
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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Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.
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GENE INFORMATION

Gene Name	KIF13A kinesin family member 13A [Homo sapiens]
Official Symbol	KIF13A
Synonyms	KIF13A; kinesin family member 13A; kinesin-like protein KIF13A; bA500C11.2; kinesin-like protein RBKIN; homolog of mouse KIF13A mannose-6-phosphate receptor transporter; RBKIN; FLJ27232;
Gene ID	63971
mRNA Refseq	NM_001105566
Protein Refseq	NP_001099036
MIM	605433
UniProt ID	Q9H1H9

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