

Recombinant Human KIF21A protein, GST-tagged

Cat. No. KIF21A-3717H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KIF21A protein(1125-1230 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1125-1230 aa
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. The elution buffer contain 100mM GSH.
AA Sequence	MPLNSPGSEGSTLSSDLMKLCGEVKPKNKARRRTTTQMELLYADSSSELASDTSTGD ASLPGPLTPVAEGQEIGMNTETSGTSAREKELSPPPGLPSKIGSISRQSSL
Purity	85%, 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.
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

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storage.

GENE INFORMATION

Gene Name KIF21A kinesin family member 21A [Homo sapiens]

Official Symbol KIF21A

Synonyms

KIF21A; kinesin family member 21A; FEOM1, fibrosis of the extraocular muscles, congenital, 1; kinesin-like protein KIF21A; FLJ20052; kinesin-like protein KIF2; renal carcinoma antigen NY-REN-62; FEOM1; CFEOM1; FEOM3A; KIAA1708; DKFZp779C159;

Gene ID 55605

mRNA Refseq NM_001173463

Protein Refseq NP_001166934

MIM 608283

UniProt ID Q7Z4S6

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