

Recombinant Human KIF22 protein, His-tagged

Cat. No. KIF22-3109H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KIF22 protein(4 - 353 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	4 - 353 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	GGSTQQRREMAAASAAAISGAGRCRLSKIGATRRPPPARVRVAVRLRPFVDGTAG ASDPPCVRGMDSCSLEIANWRNHQETLKYQFDAFYGERSTQQDIYAGSVQPILRHL LEGQNASVLAYGPTGAGKTHTMLGSPEQPGVIPRALMDLLQLTREEGAEGRPWALS VTMSYLEIYQEKVLDLLDPASGDLVIREDCRGNILIPGLSQKPISSFADFERHFLPASR NRTVGATRLNQRSSRSHAVLLVKVDQRERLAPFRQREGKLYLIDLAGSEDNRRTGN KGLRLKESGAINTSLFVLGKVVDALNQGLPRVPYRDSKLTRLLQDSLGGSAHSILIANI APERRFYL
Purity	90%, 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

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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.

GENE INFORMATION

Gene Name KIF22 kinesin family member 22 [Homo sapiens]

Official Symbol KIF22

Synonyms KIF22; kinesin family member 22; kinesin like 4 , KNSL4; kinesin-like protein KIF22; Kid; OBP 1; OBP 2; oriP binding protein; kinesin-like protein 4; kinesin-like DNA-binding protein pseudogene; origin of plasmid DNA replication-binding protein; KID; OBP; KNSL4; OBP-1; OBP-2; SEMDJL2; A-328A3.2;

Gene ID 3835

mRNA Refseq NM_001256269

Protein Refseq NP_001243198

MIM 603213

UniProt ID Q14807

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