

Recombinant Human KTN1 protein, His-tagged

Cat. No. KTN1-278H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KTN1 protein(NP_001072989)(951-1307 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	951-1307 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	KSQIEQLKQQNYQQASSFPPHEELLKVISEREKEISGLWNELDSLKDAVEHQRRKNN DLREKNWEAMEALASTEKMLQDKVNKTSKERQQQVEAVELEAKEVLKKLFPKVSVP SNLSYGEWLHGFEKKAKECMAGTSGSEEVKVLEHKLKEADEMHTLLQLECEKYKSV LAETEGILQKLQRSVEQEENKWKVKVDESHKTIKMQSSFTSSEQELERLRSENKDI ENLRREREHLEMELEKAEMERSTYVTEVRELKAQLNETLTKLRTEQNERQKVAGDL HKAQQSLELIQSKIVKAAGDTTVIENSDVSPETESSEKETMSVSLNQTVTQLQQLLQA VNQQLTKEKEHYQVLE
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

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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 KTN1 kinectin 1 (kinesin receptor) [Homo sapiens]

Official Symbol KTN1

Synonyms KTN1; kinectin 1 (kinesin receptor); kinectin; CG1; KIAA0004; CG-1 antigen; kinesin receptor; KNT; MU-RMS-40.19; MGC133337;

Gene ID 3895

mRNA Refseq NM_001079521

Protein Refseq NP_001072989

MIM 600381

UniProt ID Q86UP2

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