

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	<p>KSQIEQLKQQNYQQASSFPPHEELLKVISEREKEISGLWNELDLSDAVEHQRKKNN DLREKNWEAMEALASTEKMLQDKVNKTSKERQQQVEAVELEAKEVLKCLFPKVSVP SNLSYGEWLHGFEKKAKECEMAGTSGSEEVKVLEHKLKEADEMHTLLQLECEKYKSV LAETEGILQKLQRSVEQEENKWKVKVDESHKTIKMQSSFTSSEQELERLRSENKDI ENLRREREHLEMELEKAEMERSTYVTEVRELKAQLNETLTKLRTEQNERQKVAGDL HKAQQSLELIQSKIVKAAGDTTVIENSDVSPETESSEKETMSVSLNQTVTQLQQLLQA VNQQLTKEKEHYQVLE</p>
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	<p>Short-term storage: Store at 2-8°C for (1-2 weeks).</p> <p>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer</p>

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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 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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