

Recombinant Human KTN1, His-tagged

Cat. No. KTN1-27880TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 1051-1300 of Human Kinectin 1 Isoform 2 with an N terminal His tag; Predicted MWt 30 kDa.
Species	Human
Source	E.coli
ProteinLength	1051-1300 a.a.
Description	This gene encodes an integral membrane protein that is a member of the kinectin protein family. The encoded protein is primarily localized to the endoplasmic reticulum membrane. This protein binds kinesin and may be involved in intracellular organelle motility. This protein also binds translation elongation factor-delta and may be involved in may be involved in the assembly of the elongation factor-1 complex. Alternate splicing results in multiple transcript variants of this gene.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 52 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids

FPKVSVP SNLSYGEWLHGFEKKAKECMAGTSGSEEVKVLE HKLKEADEMHTLLQL
 ECEKYKSVLAETEGILQKLQRSV EQEENKWKVKVDESHKTIKMQSSFTSSEQELE
 RLRSE NKDIENLRREREHLEMELEKAEMERSTYVTEVRELKAQ LNETLTKLRTEQN
 ERQKVAGDLHKAQQSLELIQSKIVKAA GDTTVIENS DVSPETESSEKETMSVSLNQT
 VTQLQQLL QAVNQQLTKEKEHYQVLE

GENE INFORMATION

Gene Name	KTN1 kinectin 1 (kinesin receptor) [Homo sapiens]
Official Symbol	KTN1
Synonyms	KTN1; kinectin 1 (kinesin receptor); kinectin; CG1; KIAA0004;
Gene ID	3895
mRNA Refseq	NM_001079521
Protein Refseq	NP_001072989
MIM	600381
Uniprot ID	Q86UP2
Chromosome Location	14q22.1
Pathway	TNF-alpha/NF-kB Signaling Pathway, organism-specific biosystem;
Function	molecular_function; receptor activity;

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