

Recombinant Mouse Ktn1 Protein, His-tagged

Cat. No. Ktn1-1724M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ktn1 Protein (Glu1069-Ile1269) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Glu1069-Ile1269
Description	Predicted to enable kinesin binding activity. Predicted to be involved in protein transport. Predicted to act upstream of or within microtubule-based movement. Located in endoplasmic reticulum. Is expressed in several structures, including genitourinary system; gut; heart; hemolymphoid system gland; and lung. Orthologous to human KTN1 (kinectin 1).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 27.4 kDa Accurate Molecular Mass: 27 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

Ktn1 kinectin 1 [*Mus musculus* (house mouse)]

Official Symbol

Ktn1

Synonyms

KTN1; kinectin 1; kinectin;

Gene ID

16709

mRNA Refseq

NM_008477

Protein Refseq

NP_032503

UniProt ID

Q61595

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