

## Recombinant Mouse Ktn1 Protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Ktn1 Protein (Glu1069-Ile1269) with N-His tag was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Glu1069-Ile1269
<b>Description</b>	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).
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 27.4 kDa Accurate Molecular Mass: 27 kDa
<b>Purity</b>	> 90%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	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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