Recombinant Mouse Katna1 protein, His & T7-tagged

Cat. No. Katna1-7878M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Katna1 aa. (Lys260~Cys491 (Accession # Q9WV86)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Lys260~Cys491
Form	Freeze-dried powder
Molecular Mass	27kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 5.2.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

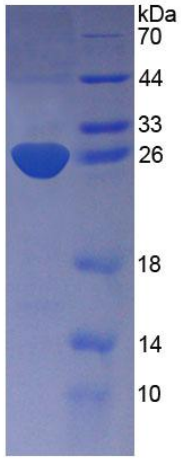
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	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Katna1 katanin p60 (ATPase-containing) subunit A1 [Mus musculus (house mouse)]
Official Symbol	Katna1
Synonyms	Katna1; katanin p60 (ATPase-containing) subunit A1; katanin p60 ATPase-containing subunit A1; katanin p60 subunit A1; lipotransin; p60 katanin
Gene ID	23924
mRNA Refseq	NM_011835.2
Protein Refseq	NP_035965.2
UniProt ID	Q9WV86

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SDS-PAGE	 15% SDS-PAGE

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