

Recombinant Mouse Numb protein, His & T7-tagged

Cat. No. Numb-1739M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Numb aa. (Leu377~Ser642 (Accession # Q9QZS3)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Leu377~Ser642
Description	This gene encodes a conserved protein that is distributed asymmetrically during cell division in the developing embryo. The encoded protein participates in cell fate decisions by interacting with the Notch receptor. Loss of function of this gene results in severe defects in neural development and loss of viability. Alternative splicing results in multiple transcript variants.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 31.6kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.

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Stability	The thermal stability is described by the loss rate. 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. 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°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% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	8.1

GENE INFORMATION

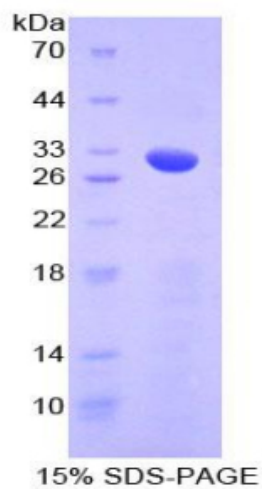
Gene Name	Numb numb homolog (Drosophila) [Mus musculus (house mouse)]
Official Symbol	Numb
Synonyms	Numb; numb homolog (Drosophila); Nb; protein numb homolog; numb gene homolog
Gene ID	18222
mRNA Refseq	NM_001136075.2
Protein Refseq	NP_001129547.1
UniProt ID	Q9QZS3

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SDS-PAGE



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