

Recombinant Mouse Nmb protein, His & GST-tagged

Cat. No. Nmb-7729M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Nmb aa. (Ser8~Leu114 (Accession # Q9CR53)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Ser8~Leu114
Description	This gene encodes a member of the neuromedin family of neuropeptides. The encoded protein is a precursor that is proteolytically processed to generate a biologically active neuropeptide that plays a role in satiety, reproduction and thermoregulation, as well as in stress, fear and other behavioral responses. This gene encodes distinct isoforms, some or all of which may undergo similar processing to generate the mature protein.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 39.1kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 9.2.

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Applications	SDS-PAGE; WB; ELISA; IP.
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 1mM DTT, 5% trehalose, 0.01% sarcosyl and preservative.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

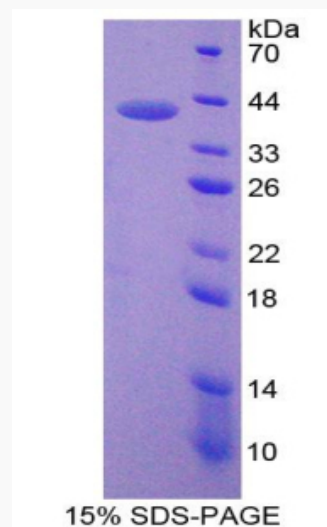
Gene Name	Nmb neuromedin B [Mus musculus (house mouse)]
Official Symbol	Nmb
Synonyms	3110023K12Rik; neuromedin-B
Gene ID	68039
mRNA Refseq	NM_001291280.1
Protein Refseq	NP_001278209.1
UniProt ID	Q9CR53

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SDS-PAGE



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