



# Recombinant Mouse Neurotensin/neuromedin N (Nts)

<b>Product Code</b>	CSB-EP883989MO-B
<b>Abbreviation</b>	Nts
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q9D3P9
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	SDSEEDVR ALEADLLTNM HTSKISKASP PSWKMTLLNV CSLINNVNSP AEEAGDMHDD DLVGKRKLPL VLDGFSLEAM LTIFQLQKIC RSRAFQHWEL IQEDILDNVN DKNEKEEVIK RKIPYIL
<b>Source</b>	E.coli
<b>Target Names</b>	Nts
<b>Protein Names</b>	Recommended name: Neurotensin/neuromedin N Cleaved into the following 4 chains: 1. Large neuromedin N Alternative name(s): NmN-125 Neuromedin N Short name= NN Short name= NmN Neurotensin Short name= NT Tail pep
<b>Expression Region</b>	23-147
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	This gene encodes a common precursor for two peptides, neuromedin N and neurotensin. Neurotensin is a secreted tridecapeptide, which is widely distributed throughout the central nervous system, and may function as a neurotransmitter or a neuromodulator. It may be involved in dopamine-associated pathophysiological events, in the maintenance of gut structure and function, and in the regulation of fat metabolism. Tissue-specific processing may lead to the formation in some tissues of larger forms of neuromedin N and neurotensin. The large forms may represent more stable peptides that are also biologically active.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final



concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

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