

Recombinant Human neuromedin B, His-tagged

Cat. No. NMB-208H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NMB, 25-121aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	25-121 a.a.
Description	Neuromedin B, also known as NMB, belongs to the bombesin/neuromedin-B/ranatens in family and stimulates smooth muscle contraction in a manner similar to that of bombesin. Recombinant human NMB protein, fused to His-tag at N-terminus, was expressed in E.coli.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol
Molecular Mass	13.2kDa (120aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSAPLSWDL PEPRSRASKI RVHSRGNLWA TGHFMGKKSL EPSSPSPLGT APHTSLRDQR LQLSHDLLGI LLLKKALGVS LSRPAPQIQY RRLLVQILQK
Purity	>85% by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

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Concentration 0.5 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name NMB neuromedin B [Homo sapiens]

Official Symbol NMB

Synonyms NMB; neuromedin B; neuromedin-B; MGC2277; MGC3936; MGC17211;

Gene ID 4828

mRNA Refseq NM_021077

Protein Refseq NP_066563

MIM 162340

UniProt ID P08949

Chromosome Location 15q11-qter

Pathway Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (q) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; Peptide ligand-binding receptors, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by GPCR, organism-specific biosystem;

Function hormone activity;

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