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 bom besin. Recombinant human NMB protein, fused to His-tag at N-terminus, was express ed 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.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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;

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA