PRODUCT INFORMATION

Expression system E.coli

Domain 25-121aa

UniProt No. P08949

NCBI Accession No. NP_066563

Alternative Names Neuromedin B, MGC17211, MGC2277, MGC3936, Neuromedin-B

PRODUCT SPECIFICATION

Molecular Weight 13.2 kDa (120aa)

Concentration 0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

Purity

> 85% by SDS-PAGE

Tag His-Tag

Application SDS-PAGE,Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

Neuromedin B, also known as NMB, belongs to the bombesin/neuromedin-B/ranatensin 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.

Amino acid Sequence

MGSSHHHHHH SSGLVPRGSH MGSAPLSWDL PEPRSRASKI RVHSRGNLWA TGHFMGKKSL EPSSPSPLGT APHTSLRDQR LQLSHDLLGI LLLKKALGVS LSRPAPQIQY RRLLVQILQK

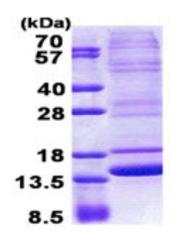


General References

Krane I.M., et al. (1988) J. Biol. Chem. 263:13317-13323

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)