

Recombinant human NMB protein

Catalog Number: ATGP2162

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 SGLVPRGSH MGSAPLSWDL PEPRSRASKI RVHSRGNLWA TGHFMGKKSL EPSSPSPLGT APHTSLRDQR
LQLSHDLLGI LLLKKALGVS LSRPAPQIQY RLLLVQILQK

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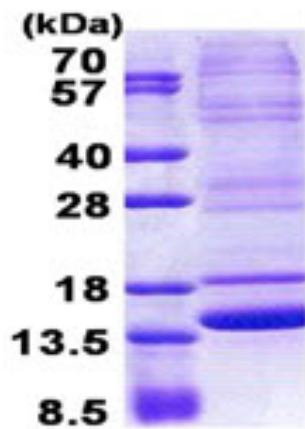
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General References

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)