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 SSGLVPRGSH MGSAPLSWDL PEPRSRASKI RVHSRGNLWA TGHFMGKKSL EPSSPSPLGT APHTSLRDQR LQLSHDLLGI LLLKKALGVS LSRPAPQIQY RRLLVQILQK

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.

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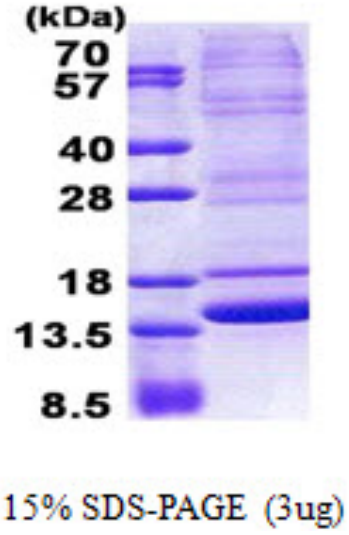
General References

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

DATA

SDS-PAGE



15% SDS-PAGE (3ug)

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