
Product Data Sheet

Product Name: NMB Human
Cat. No.: GP24050
Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Neuromedin-B; NMB; Neuromedin-B-32; Neuromedin B.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSAPLSWDL PEPRSRASKI RVHSRGNLWA TGHFMGKKSL EPSSPSPLGT APHTSLRDQR LQLSHDLLGI LLLKKALGVS LSRPAPQIQY RLLLVQILQK.		
Formulation	The NMB solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol.		

Introduction

Neuromedin B (NMB) which is a part of the bombesin/neuromedin-B/ranatensin family and stimulates smooth muscle contraction in a way similar to that of bombesin.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

NMB Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 120 amino acids (25-121) and having a molecular mass of 13.2 kDa. NMB is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

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