

32-13343: NTS Human, sf9

Alternative Name : Neurotensin/neuromedin N, NTS, Neuromedin N, NN, NmN, NT, NmN-125.

Description

Source: Sf9, Baculovirus cells.

Sterile Filtered clear solution.

Neurotensin (NTS) is a common precursor for 2 peptides, neuromedin N and neurotensin. Neurotensin is a secreted tridecapeptide, which is generally distributed throughout the central nervous system, and may serve as a neurotransmitter or a neuromodulator. NTS is involved in dopamine-associated pathophysiological events, in the maintenance of gut structure and function, and in the regulation of fat metabolism. Tissue-specific processing may initiate the formation in some tissues of larger forms of neuromedin N and neurotensin. The large forms may embody more stable peptides which are also biologically active.

NTS Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 134 amino acids (24-148) and having a molecular mass of 15.4kDa (Molecular size on SDS-PAGE will appear at approximately 13.5-18kDa). NTS is fused to 6 amino acid His-Tag at C-terminus and purified by proprietary chromatographic techniques.

Product Info

Amount : 2 µg / 10 µg

Purification : Greater than 90.0% as determined by analysis by SDS-PAGE.

Content : NTS protein solution (1mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Storage condition : 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.

Amino Acid : ADPSDSEEEM KALEADFLTN MHTSKISKAH VPSWKMTLLN VCSLVNNLNS PAEETGEVHE
EELVARRKLP TALDGFSLA MLTIYQLHKI CHSRAFQHWE LIQEDILDTG NDKNGKEEVI
KRRKIPYILHH HHHH.