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# NTS Human, sf9

*Neurotensin Human Recombinant, sf9*
*RCP1530*

## Product Overview

| | |
|---|---|
| Name | NTS Human, sf9 |

**Description**

Neurotensin Human Recombinant, sf9

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| Accession (Primary) | P30990 |

**Synonyms**

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

**Introduction**

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.

**Source**

Sf9, Baculovirus cells.

**Physical Appearance**

Sterile Filtered clear solution.

**Formulation**

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

**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.

**Purity**

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

**Amino acid sequence**

ADPSDSEEEM KALEADFLTN MHTSKISKAH VPSWKMTLLN VCSLVNNLNS PAEETGEVHE EELVARRKLP TALDGFSLEA MLTIYQLHKI CHSRAFQHWE LIQEDILDTG NDKNGKEEVI KRKIPYIL HH HHHH .

**Precautions**

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NTS Human, sf9 is for research use only and not for use in diagnostic or therapeutic procedures.

## Target Information: ( P30990 )