9051 Mira Mesa Blvd, #910094
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NTS Human

Neurotensin Human Recombinant
RCP1529

Product Overview

Name	NTS Human
Description	
Neurotensin Human Recombinant	
Accession (Primary)	P30990
Synonyms	
NTS, Neurotensin, NT/N, NMN-125, NTS1, NN, Neurotensin/Neuromedin N, NT.	
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 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	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
NTS protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M urea 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 SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGSHM SDSEE EMKALEADFL TNMHTSKISK AHVPSWKMTL LNVCSLVNNL NSPAEETGEV HEEELVARRK LPTALDGFSL EAMLTIYQLH KICHSRAFQH WELIQEDILD TGNDKNGKEE VIKRKIPYIL KRQLYENKPR RPYILKRDSY YY.	
Precautions	

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

Target Information: (P30990)