

NTS, 24-148aa, Human, His-tag, Baculovirus

Cat.NO.: TP03215

3th Edition

Synonyms:Neurotensin/neuromedin N, NTS, NMN-125, NN, NT, NT/N, NTS1

Description:NTS, as known as neurotensin/neuromedin N preproprotein, is a secreted tridecapeptide, which is widely distributed throughout the central nervous system, and may function as a neurotransmitter or a neuromodulator. It may be involved in dopamine-associated pathophysiological events, in the maintenance of gut structure and function, and in the regulation of fat metabolism. Neurotensin also exhibits antimicrobial activity against bacteria and fungi. Recombinant human NTS, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Form:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Molecular Weight:15.4kDa (134aa), 13.5-18kDa (SDS-PAGE under reducing conditions.)

Sequences:

ADPSDSEEEMKALEADFLTNMHTSKISKAHVPSWKMTLLNVCSLVNNLNSPAETGEVHEEELVARRKLPTALDGF
SLEAMLTLYQLHKICHSRAFQHWELIQEDILDTGNDKNGKEEVIKRKIPYILHHHHHH

Purity:> 95% by HPLC

Concentration:1mg/ml (determined by Absorbance at 280nm)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.