

Product information

NTS, 24-148aa

Human, His-tagged, Recombinant, Insect cell

Cat. No. IBATGP3482

Full name: Neurotensin/neuromedin N

NCBI Accession No.: NP_006174

Synonyms: 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)

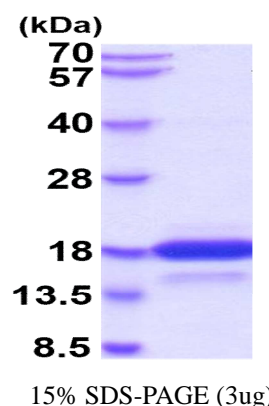
13.5-18kDa (SDS-PAGE under reducing conditions.)

Predicted N terminal: Ala

Purity: > 90% by SDS - PAGE.

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

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



Sequences of amino acids:

ADPSDSEEEM KALEADFLTN MHTSKISKAH VPSWKMTLLN VCSLVNNLNS PAEETGEVHE EELVARRKLP TALDGFSLA MLTIYQLHKI
CHSRAFAQHWE LIQEDI LDTG NDKNGKEEVI KRKIPYILHH HHHH

General references:

Butler MG., *et al*, (2015) *Am. J. Med. Genet. A*. 167A:1773-1778.

Younes M., *et al*, (2014) *Oncotarget*. 5:8252-8269.

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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.