

32-17945: Recombinant Human NTS Protein, hFc Tag

Uniprot ID : P30990

Alternative Name : Neurotensin, neuromedin N

Description

Molecular Characterization: NTS(Ser24-Leu148) hFc(Glu99-Ala330)

Molecular weight: The protein has a predicted molecular mass of 40.4 kDa after removal of the signal peptide. The apparent molecular mass of NTS-hFc is approximately 35-55 kDa due to glycosylation.

Description: Recombinant human NTS protein with C-terminal human Fc tag

This gene encodes a common precursor for two peptides, neuromedin N and neurotensin. Neurotensin 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. Tissue-specific processing may lead to the formation in some tissues of larger forms of neuromedin N and neurotensin. The large forms may represent more stable peptides that are also biologically active.

Product Info

Amount : 100 µg / 50 µg

Content : Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

Storage condition : Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.