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NTS, 24-170aa, Human, His tag, E.coli

产品货号: TP03216

第三版

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

描述:Neurotensin, also known as NTS, is 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. 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. Recombinant human NTS protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

分子量:19.9 kDa (172aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSHMSDSEEMKALEADFLTNMHTSKISKAHVPSWKMTLLNVCSLVNNLNSPAEEETG
EVHEEELVARRKLPTALDGFSLAAMLTIIYQLHKICHSRAFQHWELIQEDILDTGNDKNGKEEVIKRPYILKRQLYENKPR
RPYILKRDSYYY

纯度:> 95% by HPLC

浓度:1 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.