

Product datasheet for AR50670PU-S

OriGene Technologies, Inc.

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Neurotensin (24-170, His-tag) Human Protein

Product data:

Product Type: Recombinant Proteins

Description: Neurotensin (24-170, His-tag) human recombinant protein, 0.1 mg

Species: Human
Expression Host: E. coli

Expression cDNA Clone

or AA Sequence:

MGSSHHHHHH SSGLVPRGSH MGSHMSDSEE EMKALEADFL TNMHTSKISK AHVPSWKMTL

LNVCSLVNNL NSPAEETGEV HEEELVARRK LPTALDGFSL EAMLTIYQLH KICHSRAFQH

WELIQEDILD TGNDKNGKEE VIKRKIPYIL KRQLYENKPR RPYILKRDSY YY

Tag:His-tagPredicted MW:19.9 kDaConcentration:lot specific

Purity: >90% by SDS - PAGE

Buffer: Presentation State: Purified

State: Liquid purified protein

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

Preparation: Liquid purified protein

Protein Description: Recombinant human NTS protein, fused to His-tag at N-terminus, was expressed in E.coli.

Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

RefSeq: NP 006174

Locus ID: 4922

UniProt ID: <u>P30990, Q6FH20</u>

Cytogenetics: 12q21.31

Synonyms: NMN-125; NN; NT; NT/N; NTS1





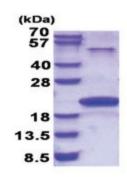
Summary:

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. [provided by RefSeq, Oct 2014]

Protein Families:

Druggable Genome, Secreted Protein

Product images:



15% SDS-PAGE (3ug)