

Product datasheet for **AR50670PU-N**

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

Product data:

Product Type:	Recombinant Proteins
Description:	Neurotensin (24-170, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMSDSEE EMKALEADFL TNMHTSKISK AHVPSWKMTL LNVCSLVNLL NSPAEETGEV HEEELVARRK LPTALDGFSL EAMLTIIQLH KICHSRAFQH WELIQEDILD TGNDKNGKEE VIKRKIPYIL KRQLYENKPR RPYILKRDSY YY
Tag:	His-tag
Predicted MW:	19.9 kDa
Concentration:	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:	P30990 , Q6FH20
Cytogenetics:	12q21.31
Synonyms:	NMN-125; NN; NT; NT/N; NTS1



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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: