

## Product datasheet for **AR09243PU-L**

### Neurokinin B / TAC3 (17-121, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Neurokinin B / TAC3 (17-121, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> QSFGAVCKEP QEEVPPGGGR SKRDPDLYQL LQRLFKSHSS LEGLLKALSQ ASTDPKESTS PEKRDMHDFV VGLMGKRSVQ PDSPTDVNQE NVPSFGILKY PPRAE
Tag:	His-tag
Predicted MW:	13.8 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human Neurokinin B, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001171525</u>
Locus ID:	6866
UniProt ID:	<u>Q9UHF0, A0A024RB97</u>
Cytogenetics:	12q13.3
Synonyms:	HH10; LncZBTB39; NK3; NKB; NKNB; PRO1155; ZNEUROK1



[View online »](#)

**Summary:**

This gene encodes a member of the tachykinin family of secreted neuropeptides. The encoded preproprotein is proteolytically processed to generate the mature peptide, which is primarily expressed in the central and peripheral nervous systems and functions as a neurotransmitter. This peptide is the ligand for the neurokinin-3 receptor. This protein is also expressed in the outer syncytiotrophoblast of the placenta and may be associated with pregnancy-induced hypertension and pre-eclampsia. Mutations in this gene are associated with normosmic hypogonadotropic hypogonadism. Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed. [provided by RefSeq, Feb 2016]

**Protein Families:**

Druggable Genome, Secreted Protein

**Product images:**