

Recombinant Human TAC3, His-tagged

Cat. No. TAC3-29653TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Neurokinin B fused to His-tag at N-terminus; amino acids 17-121 , 13.8 kDa.
Species	Human
Source	E.coli
ProteinLength	17-121 a.a.
Description	This gene encodes a member of the tachykinin family of secreted neuropeptides. The encoded protein is primarily expressed in the central and peripheral nervous system and functions as a neurotransmitter. This protein 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. Alternate splicing results in multiple transcript variants.
Conjugation	HIS
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: NoneConstituents: 20% Glycerol, 20mM Tris HCl, pH 8.0

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Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH QSFGAVCKEP QEEVVPGGGR SKRDPDLYQL LQRLFKSHSS LEGLLKALSQ ASTDPKESTS PEKRDMHDFV VGLMGKRSVQ PDSPTDVNQE NVPSFGILKY PPRAE
Sequence Similarities	Belongs to the tachykinin family.
Full Length	Full L.

GENE INFORMATION

Gene Name	TAC3 tachykinin 3 [Homo sapiens]
Official Symbol	TAC3
Synonyms	TAC3; tachykinin 3; neurokinin beta , neuromedin K , NKNB; tachykinin-3; NKB; ZNEUROK1;
Gene ID	6866
mRNA Refseq	NM_001178054
Protein Refseq	NP_001171525
MIM	162330
Uniprot ID	Q9UHF0
Chromosome	12q13-q21

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Location	
Pathway	Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (q) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; Peptide ligand-binding receptors, organism-specific biosystem;
Function	receptor binding;

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