

Recombinant Human TAC3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TAC3-4009H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TAC3 MS Standard C13 and N15-labeled recombinant protein (NP_037383) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	13.4 kDa
AA Sequence	MRIMLLFTAILAFSLAQSFSGAVCKEPQEEVPPGGGRSKRDPDLYQLLQRLFKSHSSL EGLLKALSQASTDPKESTSPEKRDMHDFVGLMGKRSVQPDSPTDVNQENVPSFGI LKYP PRAETRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

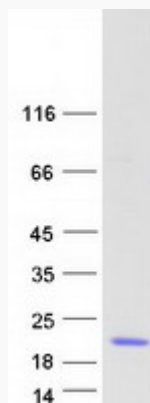
GENE INFORMATION

Gene Name	TAC3 tachykinin 3 [Homo sapiens (human)]
Official Symbol	TAC3
Synonyms	TAC3; tachykinin 3; neurokinin beta, neuromedin K, NKNB; tachykinin-3; NKB; ZNEUROK1; neuromedin K; gamma tachykinin 3; preprotachykinin B; NKNB; PRO1155;
Gene ID	6866
mRNA Refseq	NM_013251
Protein Refseq	NP_037383
MIM	162330
UniProt ID	Q9UHF0

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SDS-PAGE

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