

**Recombinant Human Tachykinin-3/TAC3 Protein(N-6His)**

**Cat.NO.: TP05018**

3th Edition

**Synonyms:**Tachykinin-3; ZNEUROK1; Neurokinin-B; NKB; Neuromedin-K; TAC3; NKNB; UNQ585/PRO1155

**Description:**Tachykinin 3 (TAC3) is a secreted protein that belongs to the Tachykinin family. Tachykinins are active peptides that excite neurons and evoke behavioral responses; they are potent vasodilators and secretagogues, and contract many smooth muscles in pregnancy. TAC3 is primarily expressed in the central and peripheral nervous systems and functions as a neurotransmitter. It is also expressed in the outer syncytiotrophoblast of the placenta and may be associated with pregnancy-induced hypertension and pre-eclampsia. TAC3 acts as the ligand for the neurokinin-3 receptor, mutations in this gene are associated with normosmic hypogonadotropic hypogonadism.

**Form:**PBS

**Molecular Weight:**13.9 kDa

**Sequences:**Gln17-Glu121

**Purity:**> 95% by HPLC

**Concentration:**

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.