Datasheet for ABIN7319071

Tachykinin 3 Protein (TAC3) (His tag)

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Overview

Quantity:	50 µg
Target:	Tachykinin 3 (TAC3)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Tachykinin 3 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Tachykinin-3/TAC3 Protein (His Tag)
Sequence:	Gln17-Glu121
Characteristics:	Recombinant Human Tachykinin-3 is produced by our E.coli expression system and the target gene encoding Gln17-Glu121 is expressed with a 6His tag at the N-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	Tachykinin 3 (TAC3)
Alternative Name:	Tachykinin-3/TAC3 (TAC3 Products)
Background:	Background: 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.

Target Details

	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. Synonym: Tachykinin-3, ZNEUROK1, Neurokinin-B, NKB, Neuromedin-K, TAC3, NKNB, UNQ585/PRO1155
Molecular Weight:	13.9 kDa
UniProt:	Q9UHF0

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 μm filtered solution of 20 mM TrisHCl, pH 8.0.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.