

Recombinant Mouse Tac2 Protein, Myc/DDK-tagged

Cat. No. Tac2-6269M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length tachykinin 2 (Tac2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a member of the tachykinin family of signaling peptides that is widely expressed in the central nervous system and plays a role in diverse processes such as water homeostasis, pulmonary inflammation, cognition, fear memory consolidation and preeclampsia. The encoded protein is enzymatically processed to generate the mature neuropeptide. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2015]
Molecular Mass	12.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

 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

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Tac2 tachykinin 2 [*Mus musculus* (house mouse)]

Official Symbol Tac2

Synonyms Tac2; tachykinin 2; Tac3; PPT-B; tachykinin-3; neurokinin 2; neurokinin A; neurokinin B-like protein Zneurok1; neurokinin alpha; neuromedin L; neuropeptide K; preprotachykinin-B; substance K

Gene ID 21334

mRNA Refseq NM_009312

Protein Refseq NP_033338

UniProt ID P55099

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