

Product datasheet for **TP500495**

Tac2 (NM_009312) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse tachykinin 2 (Tac2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR200495 protein sequence Red =Cloning site Green =Tags(s) MRSAMLFAAVLALSLAWTFGAVCEEPQGQGGRLSKSDLYQLPPSLRRLYDSRPVSLEGLLKVLKASV GPKETSLPQKRDMHDFVGLMGKRNSQPDTPTDVVEENTPSFGILK TR TRPLE QKLISEEDLA AND ILDYKDDDDK V
Tag:	C-MYC/DDK
Predicted MW:	12.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_033338</u>
Locus ID:	21334



UniProt ID: P55099

RefSeq Size: 698

Cytogenetics: 10 D3

RefSeq ORF: 348

Synonyms: PPT-B; Tac3

Summary: 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]