

Product datasheet for **TP310906**

Tuberoinfundibular peptide (PTH2) (NM_178449) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human parathyroid hormone 2 (PTH2), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210906 protein sequence Red =Cloning site Green =Tags(s)
	 METRQVSRSPRVRLLLLLLLLLVWPWGVRTASGVALPPVGVLSLRPPGRAWADPATPRRSLALADDAA FRERARLLAALERRHWLNSYMHKLLVLDAP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	11 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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:	NP_848544
Locus ID:	113091
UniProt ID:	Q96A98
RefSeq Size:	459
Cytogenetics:	19q13.33



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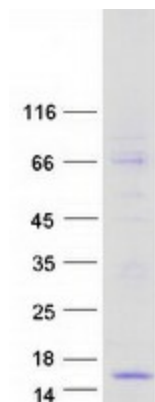
RefSeq ORF: 300

Synonyms: TIP39

Summary: This gene encodes the precursor of a peptide hormone that shares sequence similarity with the parathyroid hormone. This gene is expressed in various regions of the brain where it plays a role in the release of pituitary hormones, anxiety and nociception. The encoded precursor protein is proteolytically processed to generate the biologically active neuropeptide. [provided by RefSeq, Jul 2015]

Protein Families: Secreted Protein, Transmembrane

Product images:



Coomassie blue staining of purified PTH2 protein (Cat# TP310906). The protein was produced from HEK293T cells transfected with PTH2 cDNA clone (Cat# [RC210906]) using MegaTran 2.0 (Cat# [TT210002]).