

**TIP-39**  
**Synthetic Peptide**  
**Catalog # SP3122a****Specification**

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**TIP-39 - Product Information**

Primary Accession  
Other Accession  
Sequence

[P0C171](#)  
[Q96A98](#)  
**NH2-SLALADDAAFRERARLLAALERRHWLNSY**  
**MHKLLVLDAP-COOH**

**TIP-39 - Additional Information****Other Names**

Tuberoinfundibular peptide of 39 residues, TIP39, Parathyroid hormone 2, PTH2, TIP39, TIPF39

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**TIP-39 - Protein Information**

**Name** PTH2

**Synonyms** TIP39, TIPF39

**Function**

Plays a role as a potent and selective agonist of PTH2R resulting in adenylyl cyclase activation and intracellular calcium levels elevation. Induces protein kinase C beta activation, recruitment of beta-arrestin and PTH2R internalization. May inhibit cell proliferation via its action of PTH2R activation. Neuropeptide which may also have a role in spermatogenesis. May activate nociceptors and nociceptive circuits.

**Cellular Location**

Secreted.

**TIP-39 - Images**