

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

## Specification

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### TIP-39 - Product Information

Primary Accession [POC171](#)  
Other Accession [O96A98](#)  
Sequence **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