

Calcitonin Gene Related Peptide (20-37), human
Synthetic Peptide
Catalog # SP2728b**Specification**

Calcitonin Gene Related Peptide (20-37), human - Product Information

Primary Accession [P06881](#)
Sequence **NH2-GGVVKNNFVPTNVGSKAF-CONH2**

Calcitonin Gene Related Peptide (20-37), human - Additional Information

Gene ID 796

Other Names

Calcitonin gene-related peptide 1, Alpha-type CGRP, Calcitonin gene-related peptide I, CGRP-I, CALCA, CALC1

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.

Calcitonin Gene Related Peptide (20-37), human - Protein Information

Name CALCA ([HGNC:1437](#))

Synonyms CALC1

Function

CGRP1/CALCA is a peptide hormone that induces vasodilation mediated by the CALCRL-RAMP1 receptor complex (PubMed: [1318039](http://www.uniprot.org/citations/1318039), PubMed: [33602864](http://www.uniprot.org/citations/33602864), PubMed: [9620797](http://www.uniprot.org/citations/9620797)). Dilates a variety of vessels including the coronary, cerebral and systemic vasculature. Its abundance in the CNS also points toward a neurotransmitter or neuromodulator role (PubMed: [3492492](http://www.uniprot.org/citations/3492492)). It also elevates platelet cAMP (PubMed: [1318039](http://www.uniprot.org/citations/1318039)). CGRP1 can also bind and activate CALCR-RAMP1 (AMYR1) receptor complex (PubMed: [38603770](http://www.uniprot.org/citations/38603770)).

Cellular Location

Secreted.

Tissue Location

Expressed in spinal cord.

Calcitonin Gene Related Peptide (20-37), human - Images