

# Calcitonin Gene Related Peptide (CGRP), rat

Cat. No.: RP11095CN

## Overview

|                            |   |
|----------------------------|---|
| <b>Synonyms</b>            | CGRP, ratCGRP-I; $\alpha$ -CGRP   |
| <b>Description</b>         | Calcitonin Gene Related Peptide (rat) is a potent, long-lasting vasodilator; activation of CGRP receptors on pancreatic $\beta$ -cells increases plasma levels of pancreatic enzymes.                             |
| <b>Cas No</b>              | 96827-03-1  |
| <b>Sequence</b>            | {SER}{CYS}{ASN}{THR}{ALA}{THR}{CYS}{VAL}{THR}{HIS}{ARG}{LEU}{ALA}{GLY}{LEU}{LEU}<br>{SER}{ARG}{SER}{GLY}{GLY}{VAL}{VAL}{LYS}{ASP}{ASN}{PHE}{VAL}{PRO}{THR}{ASN}{VAL}<br>{GLY}{SER}{GLU}{ALA}{PHE}-NH <sub>2</sub> |
| <b>Sequence Shortening</b> | SCNTATCVTHRLAGLLSRSGGVKDNFVPTNVGSEAF-NH <sub>2</sub>  |
| <b>Molecular Formula</b>   | C <sub>162</sub> H <sub>262</sub> N <sub>50</sub> O <sub>52</sub> S <sub>2</sub>  |
| <b>C Terminal</b>          | NH <sub>2</sub>   |
| <b>Disulfide Bridge</b>    | Cys2-Cys7   |
| <b>Molecular Weight</b>    | 3806.25   |

## Properties

|                   |   |
|-------------------|---|
| <b>Purity</b>     | > 95%   |
| <b>Solubility</b> | Soluble in water. The contents of this vial have been accurately determined. Both the stopper and the vial have been siliconized. Do not attempt to weight out a smaller portion of the contents. |
| <b>Form</b>       | Lyophilized   |
| <b>Storage</b>    | Before using, store the peptide in the DRY form at 0-5°C. For best and repeatable results, rehydrate the peptide immediately before using. Do not re-freeze any unused portions.                  |