

Calcitonin gene-related peptide

Calcitonin gene-related **peptide** (CGRP) is a member of the calcitonin family of peptides, which in humans exists in two forms: α -CGRP and β -CGRP, also known as CGRP I and CGRP II.

α -CGRP is a 37-amino acid neuropeptide and is formed from the alternative splicing of the calcitonin/CGRP gene located on chromosome 11. β -CGRP is less studied. In humans, β -CGRP differs from the α -CGRP by three amino acids and is encoded in a separate gene within the same vicinity.

The CGRP family includes calcitonin (CT), adrenomedullin (AM), and amylin (AMY).

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Gherardini G, Lundeberg T, Cui JG, Eriksson SV, Trubek S, Linderöth B. Spinal cord stimulation improves survival in ischemic skin flaps: an experimental study of the possible mediation by **calcitonin gene-related peptide**. Plast Reconstr Surg. 1999 Apr;103(4):1221-8. PubMed PMID: 10088510.

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