

C-Type Natriuretic Peptide (1-53), human
Synthetic Peptide
Catalog # SP2590a**Specification**

C-Type Natriuretic Peptide (1-53), human - Product Information

Primary Accession [P23582](#)
Sequence **NH2-DLRVDTKSRAAWARLLQEHPNARKYKGA
NKKGLSKGCFGLKLDRI GSM SGLGC-COOH**

C-Type Natriuretic Peptide (1-53), human - Additional Information

Gene ID 4880

Other Names

C-type natriuretic peptide, CNP-22, CNP-29, CNP-53, NPPC, CNP2

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.

C-Type Natriuretic Peptide (1-53), human - Protein Information

Name NPPC

Synonyms CNP2

Function

[CNP-22]: Hormone which plays a role in endochondral ossification through regulation of cartilaginous growth plate chondrocytes proliferation and differentiation (By similarity). May also be vasoactive and natriuretic (PubMed: [1672777](http://www.uniprot.org/citations/1672777)). Acts by specifically binding and stimulating NPR2 to produce cGMP (PubMed: [1672777](http://www.uniprot.org/citations/1672777), PubMed: [21098034](http://www.uniprot.org/citations/21098034)). Binds the clearance receptor NPR3 (PubMed: [11533490](http://www.uniprot.org/citations/11533490)).

Cellular Location

Secreted.

Tissue Location

[CNP-22]: In the kidney, predominantly expressed in the distal tubular cells (at protein level)

C-Type Natriuretic Peptide (1-53), human - Images