

Pro-Adrenomedullin (N-20), human
Synthetic Peptide
Catalog # SP2522a

Specification

Pro-Adrenomedullin (N-20), human - Product Information

Primary Accession [P35318](#)
Sequence **NH2-ARLDVASEFRKKWINKWALSR-CONH2**

Pro-Adrenomedullin (N-20), human - Additional Information

Gene ID 133

Other Names

ADM, Adrenomedullin, AM, Proadrenomedullin N-20 terminal peptide, ProAM N-terminal 20 peptide, PAMP, ProAM-N20, ADM, AM

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.

Pro-Adrenomedullin (N-20), human - Protein Information

Name ADM ([HGNC:259](#))

Synonyms AM

Function

Adrenomedullin/ADM and proadrenomedullin N-20 terminal peptide/PAMP are peptide hormones that act as potent hypotensive and vasodilator agents (PubMed:[8387282](http://www.uniprot.org/citations/8387282), PubMed:[9620797](http://www.uniprot.org/citations/9620797)). Numerous actions have been reported most related to the physiologic control of fluid and electrolyte homeostasis. In the kidney, ADM is diuretic and natriuretic, and both ADM and PAMP inhibit aldosterone secretion by direct adrenal actions. In pituitary gland, both peptides at physiologically relevant doses inhibit basal ACTH secretion. Both peptides appear to act in brain and pituitary gland to facilitate the loss of plasma volume, actions which complement their hypotensive effects in blood vessels.

Cellular Location

Secreted.

Tissue Location

Highest levels found in pheochromocytoma and adrenal medulla. Also found in lung, ventricle and kidney tissues

Pro-Adrenomedullin (N-20), human - Images**Pro-Adrenomedullin (N-20), human - Citations**

- [Phosphatases Decrease Water and Urea Permeability in Rat Inner Medullary Collecting Ducts](#)