
Adrenomedullin (1-52) Peptide

Catalog Number: Y-0133

AA Seq: YRQSMNNFQGLRSFGCRFGTCTVQKLAHQIYQFTDKDKDNVAPRSKISPQGY-NH₂ 16-21 S=S

Activity: Yes

Purification: HPLC

Storage: Shipped at 4°C. Stored at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background:

Adrenomedullin is a member of the calcitonin family of peptides and functions as a vasodilator. Adrenomedullin, a hypotensive peptide, consists of 52 amino acids, has 1 intramolecular disulfide bond, and shows a slight homology with the calcitonin gene related peptide. Human adrenomedullin mRNA was found to be highly expressed in several tissues. Adrenomedullin is secreted from a number of tissues including the adrenal medulla, endothelial and vascular smooth muscle cells. It has been implicated in a number of diseases including cardiovascular and renal disorders, sepsis, inflammation, diabetes and cancer.

Sequence: Tyr-Arg-Gln-Ser-Met-Asn-Asn-Phe-Gln-Gly-Leu-Arg-Ser-Phe-Gly-Cys-Arg-Phe-Gly-Thr-Cys-Thr-Val-Gln-Lys-Leu-Ala-His-Gln-Ile-Tyr-Gln-Phe-Thr-Asp-Lys-Asp-Lys-Asp-Asn-Val-Ala-Pro-Arg-Ser-Lys-Ile-Ser-Pro-Gln-Gly-Tyr-NH₂

16-21 S=S

mol wt: 6028.73Da

Other Aliases:

ADM 1-52; Adrenomedullin 1-52; AM 1-52