
Adrenomedullin(22-52) Peptide

Catalog Number: Y-0184

AA Seq: TVQKLAHQIYQFTDKDKDNVAPRSKISPQGY-NH₂

Activity: Yes

Purification: HPLC

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

Background: Adrenomedullin, a hypotensive peptide found in human pheochromocytoma, consists of 52 amino acids, has 1 intramolecular disulfide bond, and shows a slight homology with the calcitonin gene-related peptide. It may function as a hormone in circulation control because it is found in blood in a considerable concentration. The precursor, called preproadrenomedullin, is 185 amino acids long. By RNA-blot analysis, human adrenomedullin mRNA was found to be highly expressed in several tissues. Genomic ADM DNA consists of 4 exons and 3 introns, with the 5-prime flanking region containing TATA, CAAT, and GC boxes. There are also multiple binding sites for activator protein-2 and a cAMP-regulated enhancer element.

PRODUCT SPECIFIC PUBLICATIONS

[IF=50.3] Wenying Wang. et al. Identification of hypoxic macrophages in glioblastoma with therapeutic potential for vasculature normalization. CANCER CELL. 2024 Apr 18 Other ; . 38640932