

Rev03
Update: Feb,10,2022

DATASHEET

Adrenomedullin (AM) (22-52), human

Cat. No.: RP11293

Overview

Description	Adrenomedullin (ADM) is a 52-aa hypotensive peptide. Adrenomedullin (ADM) has structural similarity with amylin. ADM is produced in peripheral tissues, adrenal medulla, lung, and kidney. ADM has specific receptors on astrocytes and it is unregulated in ischaemia.
Cas No	159899-65-7
Sequence	{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}-NH ₂
Sequence Shortening	TVQKLAHQIYQFTDKDKDNVAPRSKISPQGY-NH ₂
Molecular Formula	C ₁₅₉ H ₂₅₂ N ₄₆ O ₄₈
C Terminal	NH ₂
Molecular Weight	3576.1

Properties

Purity	> 95%
Solubility	Soluble in water. The contents of this vial have been accurately determined. Both the stopper and the vial have been siliconized. Do not attempt to weight out a smaller portion of the contents.
Form	Lyophilized
Storage	Before using, store the peptide in the DRY form at -20°C. For best and repeatable results, rehydrate the peptide immediately before using. Do not re-freeze any unused portions.