

Product Name: ANP (1-11), rat

Catalog No.: A1009

Batch No.: 1

Description:

Atrial Natriuretic Peptide (ANP) is a 28 amino acid peptide that is synthesized, stored, and released by atrial myocytes in response to atrial distension, angiotensin II stimulation, endothelin, and sympathetic stimulation. ANP is a powerful vasodilator, and a protein (polypeptide) hormone secreted by heart muscle cells. It is involved in the homeostatic control of body water, sodium, potassium and fat (adipose tissue). It is released by muscle cells in the upper chambers (atria) of the heart (atrial myocytes), in response to high blood pressure. ANP acts to reduce the water, sodium and adipose loads on the circulatory system, thereby reducing blood pressure.

Technical Data:

Molecular Formula: $C_{49}H_{84}N_{20}O_{15}S$

Molecular Weight (MW) : 1225.38

One Letter Sequence: H2N-SLRRSSCFGGR-OH

Three Letter Sequence: H2N-Ser-Leu-Arg-Arg-Ser-Ser-Cys-Phe-Gly-Gly-Arg-OH

Purity: >95%

Return Policy:

Customers satisfaction is guaranteed with Apexbio's 365 days unconditional return and refund policy. In any case if you are not satisfied with our products, you may return the items within 365 days from the original purchase date, and refund will be processed after the product is returned. Please follow the below instructions when returning the products:

1. Please contact Apexbio at 1-832-696-8203 before shipping. Any items returned to Apexbio should be in the original packaging and in the same condition as originally purchased.
2. Return shipping is absolutely FREE.
3. Please inform us the tracking ID as well as the purchase order number after shipping the package.
4. Refund will be processed upon receipt of the returned package, and it usually takes 7-14 business days for the fund to be returned to your credit card.

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

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