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Datasheet for ABIN7505525

**Adrenomedullin Protein (ADM) (AA 21-185) (His tag)**

## Overview

|                               |   |
|-------------------------------|---|
| Quantity:                     | 100 µg  |
| Target:                       | Adrenomedullin (ADM)                                  |
| Protein Characteristics:      | AA 21-185   |
| Origin:                       | Rat   |
| Source:                       | Escherichia coli (E. coli)                            |
| Protein Type:                 | Recombinant   |
| Purification tag / Conjugate: | This Adrenomedullin protein is labelled with His tag. |

## Product Details

|                  |  |
|------------------|--|
| Sequence:        | Thr 21-Leu 185   |
| Characteristics: | A DNA sequence encoding the Rat Adrenomedullin/ADM protein (P43145) (Thr 21-Leu 185) was expressed with a N-His tag. |
| Purity:          | >95 % as determined by reducing SDS-PAGE.  |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | Adrenomedullin (ADM)  |
| Alternative Name: | Adrenomedullin ( <a href="#">ADM Products</a> )   |
| Target Type:      | Hormone   |
| Background:       | Background: Adrenomedullin (ADM, also AM) is a secreted, monomeric, 6 kDa member of the Adrenomedullin family of molecules. It is widely expressed, being found in smooth muscle cells, endothelium, adrenal medulla chromaffin cells, fibroblasts and keratinocytes. ADM h |

## Target Details

|                   |   |
|-------------------|---|
|                   | Synonym: ADM precursor,Adrenomedullin,PAMP,Preproadrenomedullin,ProAM N terminal 20 peptide,ProAM N20   |
| Molecular Weight: | 18.04 kDa   |
| UniProt:          | <a href="#">P43145</a>  |
| Pathways:         | <a href="#">Hormone Transport</a> , <a href="#">Hormone Activity</a> , <a href="#">C21-Steroid Hormone Metabolic Process</a> , <a href="#">cAMP Metabolic Process</a> , <a href="#">Myometrial Relaxation and Contraction</a> , <a href="#">Regulation of G-Protein Coupled Receptor Protein Signaling</a> , <a href="#">Tube Formation</a> |

## Application Details

|               |                       |
|---------------|-----------------------|
| Restrictions: | For Research Use only |
|---------------|-----------------------|

## Handling

|                  |  |
|------------------|--|
| Format:          | Lyophilized  |
| Buffer:          | Lyophilized from sterile PBS, pH 7.4.  |
| Storage:         | 4 °C,-20 °C,-80 °C   |
| Storage Comment: | Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.<br>Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months. |
| Expiry Date:     | 12 months  |