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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

ADM (Human) Recombinant Protein (P01)

Catalog Number: H00000133-P01

Regulation Status: For research use only (RUO)

Product Description: Human ADM full-length ORF (NP_001115.1, 1 a.a. - 185 a.a.) recombinant protein with GST tag at N-terminal.

Sequence:

MKLVSVALMYLGLSLAFLGADTARLDVASEFRKKWNK
WALSRGKRELRMSSSYPTGLADVKAGPAQTLIRPQD
MKGASRSPEDSSPDAARIRVKRYRQSMNNFQGLRSF
GCRFGTCTVQKLAHQIQFTDKDKDNVAPRSKISPQG
YGRRRRRSLPEAGPGRTLVS SKPQAHGAPAPPSGSA
PHFL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 46.8

Interspecies Antigen Sequence: Mouse (69); Rat (72)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 133

Gene Symbol: ADM

Gene Alias: AM

Gene Summary: 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. [provided by RefSeq]