

Recombinant Human ADM Protein, GST-tagged

Cat. No. ADM-362H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ADM full-length ORF (BAG35740.1, 1 a.a. - 185 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene is a preprohormone which is cleaved to form two biologically active peptides, adrenomedullin and proadrenomedullin N-terminal 20 peptide. Adrenomedullin is a 52 aa peptide with several functions, including vasodilation, regulation of hormone secretion, promotion of angiogenesis, and antimicrobial activity. The antimicrobial activity is antibacterial, as the peptide has been shown to kill <i>E. coli</i> and <i>S. aureus</i> at low concentration. [provided by RefSeq, Aug 2014]
Molecular Mass	46.75 kDa
AA Sequence	MKLVSVALMYLGLAFLGADTARLDVASEFRKKWINKWALSRGKRELRMSSSYPTG LADVKAGPAQTLIRPQDMKGASRSPEDSSPDAARIRVKRYRQSMNNFQGLRSFGC RFGTCTVQKLAHQIQFTDKDKDNVAPRSKISPQGYGRRRRRSLPEAGPGRTLVS KPQAHGAPAPPSGSAPHFL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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Protein Array

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	ADM adrenomedullin [Homo sapiens]
Official Symbol	ADM
Synonyms	ADM; adrenomedullin; AM; preproadrenomedullin;
Gene ID	133
mRNA Refseq	NM_001124
Protein Refseq	NP_001115
MIM	103275
UniProt ID	P35318

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