

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 E. coli and S. aureus at low concentration. [provided by RefSeq, Aug 2014]
Molecular Mass	46.75 kDa
AA Sequence	MKLVSVALMYLGSLAFLGADTARLDVASEFRKKWKNKWALSRGKRELRMSSSYPTG LADV KAGPAQTLIRPQDMKGASRSPEDSSPDAARIRVKRYRQSMNNFQGLRSFGC RFGTCTVQKLAHQIYQFTDKDKDNVAPRSKISPQGYGRRRRRSLPEAGPGRTLVS 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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