

Recombinant Human ADM Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ADM-856H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ADM MS Standard C13 and N15-labeled recombinant protein (NP_001115) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a prehormone 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.
Molecular Mass	20.4 kDa
AA Sequence	MKLVSVALMYLGLAFLGADTARLDVASEFRKKWINKWALSRGKRELRMSSSYPTG LADV KAGPAQTLIRPQDMKGASRSPEDSSPDAARIRVKRYRQSMNNFQGLRSFGC RFGTCTVQKLAHQIQFTDKDKDNVAPRSKISPQGYGRRRRRSLPEAGPGRTLVS KPQAHGAPAPPSGSAPHFLTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name ADM adrenomedullin [Homo sapiens (human)]

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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SDS-PAGE



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