

Product datasheet for PH300507

Adrenomedullin (ADM) (NM_001124) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ADM MS Standard C13 and N15-labeled recombinant protein (NP_001115)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200507
Predicted MW:	20.4 kDa
Protein Sequence:	>RC200507 protein sequence Red=Cloning site Green=Tags(s) MKLVSVAMYLGLAFLGADTARLDVASEFRKKWNKWALSRGKRELRMSSSYPTGLADVKAGPAQTLIRP QDMKGASRSPEDSSPDAARIRVKRYRQSMNMFQGLRSFGCRFGTCTVQKLAHQIYQFTDKDKDNVAPRSK ISPQGYGRRRRRSLPEAGPGRTLVS SKPQAHGAPPPSGSAPHFL TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_001115</u>
RefSeq Size:	1606
RefSeq ORF:	555
Synonyms:	AM; PAMP
Locus ID:	133
UniProt ID:	<u>P35318</u>



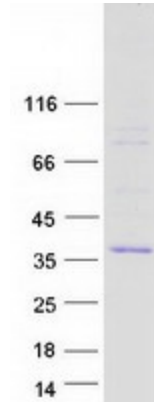
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Cytogenetics: 11p15.4

Summary: 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]

Protein Families: Druggable Genome, Secreted Protein

Product images:



Coomassie blue staining of purified ADM protein (Cat# [TP300507]). The protein was produced from HEK293T cells transfected with ADM cDNA clone (Cat# [RC200507]) using MegaTran 2.0 (Cat# [TT210002]).