

Product datasheet for **TP300507M**

Adrenomedullin (ADM) (NM_001124) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human adrenomedullin (ADM), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200507 protein sequence Red =Cloning site Green =Tags(s)
	 MKLVSVALMYLGLSLAFLGADTARLDVASEFRKKWKNWALSRGKRELRMSSSYPTGLADVKAGPAQTLIRP QDMKGASRSPEDSSPDAARIRVKRYRQSMNNFQGLRSFGCRFGTCTVQKLAHQIYQFTDKDKDNVAPRSK ISPQGYGRRRRSLPEAGPGRTLVS SKPQAHGAPPPSGSAPHFL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	20.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001115
Locus ID:	133
UniProt ID:	P35318
RefSeq Size:	1606



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Cytogenetics: 11p15.4

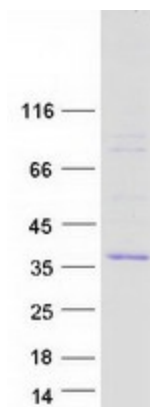
RefSeq ORF: 555

Synonyms: AM; PAMP

Summary: 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 *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]).