

Product datasheet for **TP300507**

Adrenomedullin (ADM) (NM_001124) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human adrenomedullin (ADM), 20 µg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC200507 protein sequence
Red=Cloning site **Green**=Tags(s)

MKLVSVALMYLGLSLAFLGADTARLDVASEFRKKWKNWALSRGKRELRMSSSYPTGLADVKAGPAQTLIRP
QDMKGASRSPEDSSPDAARIRVKRYRQSMNNFQGLRSFGCRFGTCTVQKLAHQIYQFTDKDKDNVAPRSK
ISPQGYGRRRRRSLPEAGPGRTLVSCKPQAHGAPPPSGSAPHFL

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

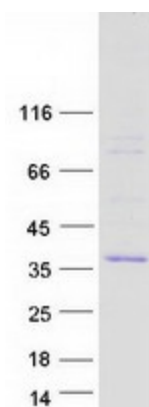
RefSeq ORF: 555

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]).