

Product datasheet for **MC212713**

Adm2 (NM_182928) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Adm2 (NM_182928) Mouse Untagged Clone
Tag: Tag Free
Symbol: Adm2
Synonyms: Am2; IM; IMD; lmdn; inter
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212713 representing NM_182928
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCCCAGTTGCTGATGGTCACGGTAACCCTCGGTTGCATCAGCCTCCTACCTGCTCCCCGGCAGT
TGCTGGCAGCCTGGGCAAGGGACTGAGGCACTCCAGACCCAGAGAGCCCCAGTAAGATTCTTCCAG
TAACCTGCAGCCTGGACACCCTTCCCTCAGCCTGTAGTCTGGAAGTCTCGTCGTCATGCCCCCAGCCA
CAGGGAAGGGGCAACAGGGCCCTTGCTATGGTTTCATCTGCCTCAGGGTGGTGGCTCACGACACCCTGGT
CCCAGCGTCCCACGGGATCCCGAAGACCCCATGCCAGCTCCTGCGGGTGGCTGTGTAAGGGTACATG
CCAAGTCCAGAATCTTAGCCATCGCCTGTGGCAGCTTGTCCGGCCAGCTGGCCGGCGGGACTCAGTCTCT
GTGGATCCCAGCAGCCCCACAGTTATGGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_182928
Insert Size: 453 bp
OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).



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Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_182928.5</u> , <u>NP_891558.1</u>
RefSeq Size:	1300 bp
RefSeq ORF:	453 bp
Locus ID:	223780
UniProt ID:	<u>Q7TNK8</u>
Cytogenetics:	15 E3
Gene Summary:	This gene encodes a member of the calcitonin gene-related peptide (CGRP)/calcitonin family of hormones that play a role in the regulation of cardiovascular homeostasis, prolactin release, anti-diuresis, anti-natriuresis, and regulation of food and water intake. The encoded protein is proteolytically processed to generate one or more biologically active peptides. Intravenous injection of the active peptide was found to protect mouse lungs from ischemia/reperfusion injury. [provided by RefSeq, Aug 2015]