

Product datasheet for **SC332240**

ADM2 (NM_001253845) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: ADM2 (NM_001253845) Human Untagged Clone
Tag: Tag Free
Symbol: ADM2
Synonyms: AM2; dj579N16.4
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC332240 representing NM_001253845.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGCCCGGATCCCGACGGCCGCCCTGGGTTGCATCAGCCTCCTGCCTGCAGCTCCCTGGCTCGCTG
TCCCGCAGCCTGGGCGGGGACCCGCGACCCGTCAAACCCAGGGAGCCCCAGCCGGAGCCCTTCCAGC
AGCCTGCAGCCCAGGCACCCCGACCCCGACCTGTGGTCTGGAAGCTTACCAGGGCCCTCCAGGCACAG
AGGGGTGCCGGCCTGGCCCTGTATGGGTCAGCCTCTCCGGGATGGTGGCCGCCAACACTCGGGCCCC
CGAAGACACTCGGGCCCCCGAGGACCCAAGCCAGCTCCTGCGAGTGGGCTGTGTGCTGGGCACCTGC
CAGGTGCAGAATCTCAGCCACCGCCTGTGGCAACTCATGGGACCGCCGGCCGGCAGGACTCAGCTCT
GTGGACCCAGCAGCCCCACAGCTATGGCTGA
```

Restriction Sites: SgfI-MluI
ACCN: NM_001253845
Insert Size: 447 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).
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).



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Reconstitution Method:

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: [NM_001253845.1](#)

RefSeq Size: 4045 bp

RefSeq ORF: 447 bp

Locus ID: 79924

UniProt ID: [Q7Z4H4](#)

Cytogenetics: 22q13.33

Protein Families: Druggable Genome, Secreted Protein

MW: 15.9 kDa

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. [provided by RefSeq, Jul 2015]