

Product datasheet for **SC305170**

ADM2 (NM_024866) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ADM2 (NM_024866) Human Untagged Clone
Tag:	Tag Free
Symbol:	ADM2
Synonyms:	AM2; dj579N16.4
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_024866 edited CCGCCCGCCATGGCCCGGATCCCGACGGCCGCCCTGGGTTGCATCAGCCTCCTGCCTG CAGCTCCCTGGCTCGCTGTCCCGCAGCCTGGGCGGGGACCCGCGACCCGTCAAACCCAGG GAGCCCCAGCCCGGAGCCCTTCCAGCAGCCTGCAGCCAGGCACCCCGCACCCCGACCT GTGGTCTGGAAGCTTACCCGGGCCCTCCAGGCACAGAGGGGTGCCGGCCTGGCCCCGT ATGGGTGAGCCTCTCCGGGATGGTGGCCGCAACACTCGGGCCCCGAAGACTCGGGC CCCCGAGGACCAAGCCAGCTCCTGCGAGTGGGCTGTGTGCTGGGCACCTGCCAGGTG CAGAATCTCAGCCACCGCCTGTGGCAACTATGGGACCGGCCGGCCGGCAGGACTCAGCT CCTGTGGACCCAGCAGCCCCACAGCTATGGCTGA
Restriction Sites:	Please inquire
ACCN:	NM_024866
Insert Size:	456 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).
OTI Annotation:	It is not a variant.
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:	<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_024866.3, NP_079142.2</u>
RefSeq Size:	4063 bp
RefSeq ORF:	447 bp
Locus ID:	79924
Cytogenetics:	22q13.33
Protein Families:	Druggable Genome, Secreted Protein
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 encode the same protein.</p>