

Product datasheet for MG201053

Adm2 (NM_182928) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Adm2 (NM 182928) Mouse Tagged ORF Clone

Tag: TurboGFP

Symbol: Adm2

Synonyms: Am2; IM; IMD; Imdn; inter

Mammalian Cell

Selection:

Neomycin

Vector: pCMV6-AC-GFP (PS100010)

E. coli Selection: Ampicillin (100 ug/mL)

ORF Nucleotide >MG201053 representing NM_182928

Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

GTGGATCCCAGCAGCCCCCACAGTTATGGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG201053 representing NM_182928

Red=Cloning site Green=Tags(s)

MAQLLMVTVTLGCISLLYLLPGTLSGSLGKGLRHSRPREPPAKIPSSNLQPGHPSLQPVVWKSRRHAPQPQGGRGNRALAMVHLPQGGGSRHPGPQRPTGSRRPHAQLLRVGCVLGTCQVQNLSHRLWQLVRPAGRRDSAP

VDPSSPHSYG

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-Mlul



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

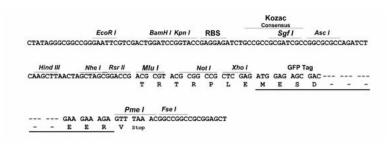
CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



Cloning Scheme:





ACCN: NM_182928

ORF Size: 450 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

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: 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.

RefSeg: NM 182928.5, NP 891558.1

RefSeq Size: 1164 bp
RefSeq ORF: 453 bp
Locus ID: 223780
UniProt ID: Q7TNK8



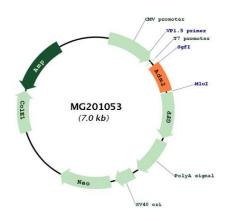
Cytogenetics:

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]

Product images:



Circular map for MG201053