

## Product datasheet for **SC330386**

### **ADGRE1 (NM\_001256255) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	ADGRE1 (NM_001256255) Human Untagged Clone
Tag:	Tag Free
Symbol:	ADGRE1
Synonyms:	EMR1; TM7LN3
Vector:	pCMV6-Entry (PS100001)

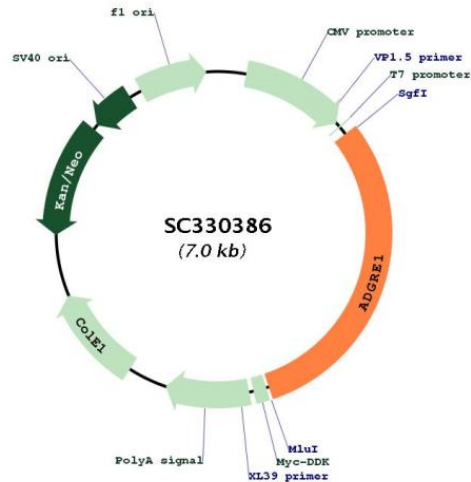


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Fully Sequenced ORF: >SC330386 representing NM\_001256255.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
ATGCGTGGCTTCAACCTGCTCCTCTTCTGGGGATGTTGTGTTATGCACAGCTGGGAAGGGCACATAAGA
CCCACACGGAAACCAACACAAAGGTAATAACTGTAGAGACAGTACCTTGTGCCAGCTTATGCCACC
TGCACCAATACAGTGGACAGTTACTATTGCGCTTGCAAACAAGGCTTCTGTCCAGCAATGGGCAAAAT
CACTTCAAGGATCCAGGAGTGCAGTGCAGAAAGATATTGATGAATGTTCTCAAAGCCCCAGCCCTGTGGT
CCTAACTCATCTGCAAAAACCTGTCAGGGAGGTACAAGTGCAGCTGTTTAGATGGTTTCTCTTCTCCC
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AAGGCCTTTGCCAGCTTTCATCTGGGCTGCTCCTGGGTGCTGGGCATTTTTCAGATTGGACCTGTG
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TGCTGTCTCAACGGCCAGGTACGAGAAGAATAAAGAGGTGGATCACTGGGAAGACGAAGCCAGCTCC
CAGTCCCAGACCTCAAGGATCTTGTGTCTCCATGCCATCCGCTTCCAAGACGGGTAA
```

Restriction Sites: Sgfl-Mlul

**Plasmid Map:**


**ACCN:** NM\_001256255

**Insert Size:** 2130 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).

**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\\_001256255.1](#)

**RefSeq Size:** 2630 bp

**RefSeq ORF:** 2130 bp

**Locus ID:** 2015

**UniProt ID:** [Q14246](#)

**Cytogenetics:** 19p13.3-p13.2

**Protein Families:** Druggable Genome, Transmembrane

**MW:** 78.9 kDa

**Gene Summary:**

This gene encodes a protein that has a domain resembling seven transmembrane G protein-coupled hormone receptors (7TM receptors) at its C-terminus. The N-terminus of the encoded protein has six EGF-like modules, separated from the transmembrane segments by a serine/threonine-rich domain, a feature reminiscent of mucin-like, single-span, integral membrane glycoproteins with adhesive properties. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2012]

Transcript Variant: This variant (5) has an alternate splice site in the 5' coding region, but maintains the reading frame, compared to variant 1. The resulting isoform (5) lacks an internal segment, compared to isoform 1.