

Product datasheet for **SC330385**

ADGRE1 (NM_001256254) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ADGRE1 (NM_001256254) Human Untagged Clone
Tag:	Tag Free
Symbol:	ADGRE1
Synonyms:	EMR1; TM7LN3
Vector:	pCMV6-Entry (PS100001)



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Fully Sequenced ORF: >SC330385 representing NM_001256254.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGCGTGGCTTCAACCTGCTCCTCTTCTGGGGATGTTGTGTTATGCACAGCTGGGAAGGGCACATAAGA
 CCCACACGGAAACCAACACAAAGGGTAATAACTGTAGAGACAGTACCTTGTGCCAGCTTATGCCACC
 TGCACCAATACAGTGGACAGTTACTATTGCGCTTGCAAACAAGGCTTCTGTCCAGCAATGGGCAAAAT
 CACTTCAAGGATCCAGGAGTGCGATGCAAAGATATTGATGAATGCACTGAAATGTGCCCCATCAATTCA
 ACATGCACCAACACTCCTGGGAGCTACTTTTGCACCTGCCACCCTGGCTTTGCACCAAGCAATGGACAG
 TTGAATTTACAGACCAAGGAGTGAATGTAGAGATATTGATGAGTGCCGCCAAGATCCATCAACCTGT
 GGTCTAATTCTATCTGCACCAATGCCCTGGGCTCCTACAGCTGTGGCTGCATTGCAGGCTTTCATCCC
 AATCCAGAAGGCTCCCAGAAAGATGGCAACTTCAGCTGCCAAAGGGTTCTTCAAATGTAAGGAAGAT
 GTGATACCCGATAATAAGCAGATCCAGCAATGCCAAGAGGGAACCGCAGTGAAACCTGCATATGTCTCC
 TTTTGTGCACAAATAAATACATCTTCAGCGTTCTGGACAAAGTGTGTGAAAATAAACGACCGTAGTT
 TCTCTGAAGAATACAACCTGAGAGCTTTGCTCCTGTGCTTAAACAAATATCCACGTGGACTAAATTCACC
 AAGGAAGAGACGTCCTCCTGGCCACAGTCTTCTGGAGAGTGTGAAAGCATGACACTGGCATCTTTT
 TGGAAACCCTCAGCAATATCACTCCGGCTGTTCCGACGGAATACTTAGACATTGAGAGCAAGTTATC
 AACAAAGAATGCAGTGAAGAGAATGTGACGTTGGACTTGGTAGCCAAGGGGGATAGATGAAGATCGGG
 GTTCCACAATTGAGGAATCTGAATCCACAGAGACCACTGGTGTGGCTTTTGTCTCTTTGTGGGCATG
 GAATCGGTTTTAAATGAGCGCTTCTTCAAAGACCACAGGCTCCCTTGACCACCTCTGAGATCAAGCTG
 AAGATGAATCTCGAGTCGTTGGGGGCATAATGACTGGAGAGAAGAAAGACGGCTTCTCAGATCCAATC
 ATCTACACTCTGGAGAACATTAGCCAAAGCAGAAGTTTGAGAGGCCATCTGTGTTTCTGGAGCACT
 GATGTGAAGGGTGAAGATGGACATCCTTTGGCTGTGTGATCCTGGAAGCTTCTGAGACATATACCATC
 TGCAGCTGTAATCAGATGGCAAATCTTGCCGTTATCATGGCGTCTGGGGAGCTCACGATGGACTTTTCC
 TTGTACATCATTAGCCATGTAGGCATTATCATCTCCTTGGTGTGCCTCGTCTTGCCATCGCCACCTTT
 CTGCTGTGTCGCTCCATCCGAAATCACAACACCTACCTCCACCTGCACCTCTGCGTGTGTCTCCTTTG
 GCGAAGACTCTCTTCTCGCCGGTATACACAAGACTGACAACAAGATGGGCTGCGCCATCATCGCGGGC
 TTCCTGCACTACCTTTTCTTGCCTGCTTCTTCTGGATGCTGGTGGAGGCTGTGATACTGTTCTTGATG
 GTCAGAAACCTGAAGGTGGTGAATTACTTCAGCTCTCGCAACATCAAGATGCTGCACATCTGTGCCTTT
 GGTTATGGGCTGCCGATGCTGGTGGTGGTATCTTGCCAGTGTGCGACCCACAGGCTATGGAATGCAT
 AATCGCTGCTGGCTGAATACAGAGACAGGGTTCATCTGGAGTTTCTTGGGGCCAGTTGCACAGTTATA
 GTGATCAACTCCCTTCTCCTGACCTGGACCTTGTGGATCCTGAGGCAGAGGCTTCCAGTGTTAATGCC
 GAAGTCTCAACGCTAAAAGACACCAGGTTACTGACCTTCAAGGCCCTTGGCCAGCTCTTCATCCTGGGC
 TGCTCCTGGGTGCTGGGCATTTTTCAGATTGGACCTGTGGCAGGTGTGATGGCTTACCTGTTACCATC
 ATCAACAGCCTGCAGGGGGCCTTCATCTTCTCATCCACTGTCTGCTCAACGGCCAGGTACGAGAAGAA
 TACAAGAGGTGGATCACTGGGAAGACGAAGCCAGCTCCAGTCCAGACCTCAAGGATCTTGCTGTCC
 TCCATGCCATCCGCTTCCAAGACGGGTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001256254

Insert Size: 2238 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:	<u>NM_001256254.1</u>
RefSeq Size:	2738 bp
RefSeq ORF:	2238 bp
Locus ID:	2015
UniProt ID:	<u>Q14246</u>
Cytogenetics:	19p13.3-p13.2
Protein Families:	Druggable Genome, Transmembrane
MW:	82.8 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 (4) lacks three consecutive exons in the 5' coding region but maintains the reading frame, compared to variant 1. The resulting isoform (4) lacks an internal segment, compared to isoform 1.