

Product datasheet for **RN200880**

Adgre1 (NM_001007557) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adgre1 (NM_001007557) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Adgre1
Synonyms:	Emr1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN200880 representing NM_001007557
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTGGGGCTTTTGGCTGCTCCTTCTGGGGCTTCAGTGAACGCACAGATGGGGGATGACCACACTTG
 CCATCCTGGGACAAAGACTTAACGGTGTGAATGAATGTCAAGACACTACCACTTGTCCAGCTTATGCCAC
 CTGCACTGACACCACGGAGAGTTATTACTGTACCTGTAACAAGTTTTCTGCCAGCAATGGACAAACC
 AACTTTACAGGGCCAGGAGTGAATGTCAAGATGTTAATGAATGTCTTAGAAGCGACTCGCCTTGTGGTT
 CTAAGTCACTGACCAATATCCAGGACGAGCCAGGTGCAAGTGTCTTAGTGGCTTCTTCTCCGC
 TGGTGAAGTGGATCCTGGGAAGTCCGGGTCAATTTCTGACAGATGTTGACGAGTGTGACAATT
 GGGATCTGCCCTAAGAATTCTAAGTCTAAGTCTGTGGGGAGCTACAGCTGCACCTGCCAATCAGGCT
 TTGTCTCGAATGGCTCCACTTGTGAAGATGAAGATGAATGTGACTCGTAATGCTTGCCAGAGCATGC
 AACCTGCCACAACACTCTTGAAGCTATTATTGTACATGCAACGAAGACTTGAATTTAGTGGAGGAGGA
 CCAATGTTCCAGGGCCTGGAAGAATCTTGTGAAGATGTGGATGAGTGCTCCAGGAATCAACGCTTTGTG
 GTCCCTCCTTCATTTGCATCAACACGCTGGGATCCTACAGCTGTTCTTGGCCAGCTGGATTCTTTTGT
 AACTTTTCAGATCCCTGGTCATCCAGCAGATGGGAATTGTACAGATATAGATGAGTGTGATGACATATGC
 CCTTCAAACATCATGTACCAACACCCTTGGGAGCTACTTCTGCACTTGCCACCCTGGCTTTGCCCTCAA
 GCAATGGACAGCTGAATTTACAGACCAAGAAGTACATGTGAAGATATTGATGAGTGCACCTCAAGATCC
 ATTTTCGATGTGGACGAAATCTTCTGACCAATGTACCAGGTTCTACAACGACAGTGTCTTCCCGAC
 TTTTCGAATGGATCCAGGAGGCTCCCAAGCACATGGAACTTACATGCAAAAGGATTCCCTTCAAGTGA
 AGGAAGACTTGATACCCAAAAGTACAGATAGAGCAGTGGCAAGCAGGGCAAGGCCGGAATCTTGATTA
 TACTTCTTCTGACATTTGTGAATGCCACCTTACCATCCTGGATAACACCTGTGAAAACAAAAGTGTCT
 CCAAGTGTCTTACAGAGTGCAGTACAAGTGTCTCCCTCATGCTGGAGCAAGCATCGACCTGGTTTGTG
 TCAGCAGGGAAGAGACATCTACTCTGGGCACTATCTTGTGGAGACTGTGAAAGCACCATGTTGGCTGC
 TCTTCTGACACCCTCTGGGAATGCCAGTACAGCATTCCGACGGAGTACTTGGAAATTGAAAGCAAAGTC
 ATCAATGAAGAATGCAATGAGGAGAATGTGTCCATTAACCTGAAAGCCAGAGGGGACAAGATGGATGTTG
 GCTGTTTCATAATCAAAGAATCAGAATCTACAGGGACCCAGGAGTGGCTTTTGTCTCCTTTCACACAT
 GGACTCAGTTTTAGATGAGCGCTTCTTGAAGATGGTCAGGCCTCCTGAAACTGAGGATGAATCCCAT
 GTTGTGGTGGCACTGTAACCGGGGAGAGGAAGGAGGACTTCTCAAGCCTATCGTCTATACCCTCCAGC
 ACATCCAGCCAAAGCAGAAGTCTGAGAGGTCTATATGTGTCTCCTGGAACACCGATGTGGAGGATGGGAG
 ATGGACACCCTCGGGCTGTGAGACTGTAGAAGCATCTGAGACACACAGTCTGCAGCTGTAACCGGATG
 ACAAATTTGGCCATCATCATGGCTTCTGGGGAGCTTACAATGGAATTTTCTTGTATATCATCAGCTATG
 TGGGTACAGTCACTCTCTGGTATGTCTCGCCTTGGCCATAGCCACCTTCTGTTGTTTCGTGCAGTTCA
 GAACCACAACACCTACCTGCACCTGCACCTTGTGTGTCTCTTCTTGGCCAAGATTCTTCTCCTCACC
 GGTATAGACAAGACTGACAACCAGACAGCTTGCCTATCATTGCGGGATTCTACACTATCTTTTCTTG
 CCTGCTTCTTCTGGATGCTGGTGGAGGCAGTGTCTCTTCTGATGGTGAAGAACTGAAGTGGTGAA
 TTATTTACGCTCTCGCAACATCAAGATGCTGCACCTCTGTGCCTTGGCTATGGGCTCCAGTCTGGTG
 GTCATTATCTGCTACTGTACATCCATGGGGCTATGGAATGCATAATCGCTGCTGGCTGAATACGGAGA
 CAGGATTCATTTGGAGTTTCTTGGGGCCAGTCTGCATGATCATCACGATCAACTCTGCCCTCCTTGCTG
 GACACTGTGGGTGCTGAGGCAGAAGCTCTGCAAGTCAACTCAGAAGTCTTAAGCTCAAGGATACGAGG
 TTGCTGACCTTCAAGGCCATTGCCAGATTTTCATCTTGGGTTGCTCCTGGGTGCTGGGCATTTCCAGA
 TTGGTCCCTTGGCAAGCATAATGGCATACTGTTACCACATCAACAGCCTTCCAGGGGCTTCTCCTT
 CCTCATTCACTGTCTGCTCAACCGCCAGGTACGAGATGAATATAGGAACTCCTCACCAGGAAGACTGAT
 CTTAGCTCCCATCCAGACTTCTGGGATTTACTGTCATCTATGCCTTCACTTCTAAGACGGTTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN:	NM_001007557
Insert Size:	2799 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:	<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_001007557.1</u> , <u>NP_001007558.1</u>
RefSeq Size:	3228 bp
RefSeq ORF:	2799 bp
Locus ID:	316137
UniProt ID:	<u>Q5Y4N8</u>
Cytogenetics:	9q12
Gene Summary:	Orphan receptor involved in cell adhesion and probably in cell-cell interactions involved specifically cells of the immune system. May play a role in regulatory T-cells (Treg) development.[UniProtKB/Swiss-Prot Function]