

Product datasheet for **MC221805**

Adgre5 (NM_011925) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adgre5 (NM_011925) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Adgre5
Synonyms:	AA409984; Cd97; TM7LN1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221805 representing NM_011925
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGGGCGTCAGATGCCCCGGCTGCTTGTGGTGTGCATTTTACTGAGTCTCTCAGGAGCTGGAACCC
 AGAAGGCAGAGAGTAAGAACTGTGCCAAGTGGTGCCCTATCAACTCAAAATGTGTCAGTAACAGAAGCTG
 TGTCTGCAAGCCCGCTCAGCTCGGAGAAGGAATTGATCACTAACCCCTGCAGAGAGCTGTGAAGACATC
 AACGAGTGTTTACTACCTGGATTTTCTGTGGAGACTTTGCCATGTGAAGAACTCAGAGGGGAGTTACA
 CCTGCGTCTGTAACCTGGGATATAAGCTCCTTTCTGGTGCAGAATCTTTTGTAAACGAGAGTGAGAATAC
 ATGTCAAGCATCAGTGAACACTGGGATGACACCTGTGCCCTCCAGGATCCACACAGTTACTACTGCGCT
 GGAATCTCCCGAGCAGACAACACTACAGTGCACCAGACACAGATGGGAGACTCAGAAGAGAGGACACCCA
 AGGATGTGAATGAGTGCATCTCCGGGCAAACCATGGCCAAATCCACCCACTGCATCAACAAATTGGG
 TGGCTATTCTTGATCTGTGCTCAAGGCTGAAACCTGTTCTGGATCCCAATGGCCCTGTCAGCACA
 GTGTGCGAAGATGTGGATGAGTGCAGCTCTGGGAGCATCAATGTCAAAATCCACCGTCTGCAAAAACA
 CCGTAGGCTCCTACAAGTGCCTGCGCTCCAGGTTGGAAGCCAACCTTCTGGGTCCCTCCGTGGTCCAGA
 CACCATATGCCAAGAGCCACCGTTCCTACTTGGACACTGCTGCCACAGCCACAGTCAAGTCTCTTG
 AGATTCTCTGTTGAAGTCCAGAATCTGCTCCGTGACTTCAATCCAGCCACGGTCAACTACACCATCCAGA
 AACTCATCGAGGCTGTGGACAAGCTGCTGGAAGACCCATGGAGACTGAAACCCAACAAGTAGTGCCCA
 GTTGCTCTCGAACCTGGAACAAAGCCTTCGGACCTTGGCTCAGTTTTTACCAAAGGCCCTTCACTAC
 ACGTCCCTTCAAATACTGAACGTCCCTGATGGTGAAGGAGCAAGACAACAAGATGTTACCACAGTGC
 ACCAGGCCAAACTTGGATGGAGCTGGACTGGCTGTGACAGCTGGAGCCAAAATCTCAGAAAATGGCTC
 CTCGGTGGCAGGCATCCTGTCCAGCCAAACATGGAAAAGCTGCTGGGCAACACCCCGTGAACCTGGAG
 CAGAGAAGGGCTCCTTGGAGGACTTCTATGGAAGCCGATTCCGAGTGTCTCACTTAAGCTTCTCTCAA
 ACATCAATTCTGTCTTCTGACCAACACGAACACTGAAAAGCTCGCCTCGAATGTCACGTTCAAGTTCGA
 CTTTACTTCTGTGGAGTCAATTGAGCCACGTGATGAGCTGATATGTGCCTTCTGGAAGCCACAACGGG
 AATGGGTACTGGGACCCGACGGCTGCTCAATGAATGGCACTGGCTTCTGCCACTGCAACCACCTGACCA
 GCTTTGCCATCCTAATGGCTCAGTACCATGTGCAGGCCAAGGCTGGAATTGATCACCAGGTGGGGCT
 GTTGTGTCCTGATCTGCTGCTGTGCATCTGACCTTCTGCTGGTGAAGCCATCCAGAGCTCT
 CGAACCATGGTGCACCTGCACCTGTGCATCTGCCTTCTCTGGGCTCAATCATATTCCTGGTCCGGCTGG
 AGAATGAAGGGGTGAGGTGGGCTGCGCTGCCGCTGGTGGCCGTGATGCTGCATTTCTGCTTCTGCG
 CGCCTTCTGCTGGATGGCACTGGAGGGCTGGAGCTCTACTTCTGGTGGTGCCTGTTCCAGGGCCAA
 GGCTGAGTACATGGCAACGCTGCCTGATTGGCTACGGGGTGCCCTCCTCATCGTGGCCATCTCAATGG
 CAGTTGTCAAAATGGATGGCTATGGGCATGCAACATACTGCTGGCTGGACTTTAGGAAGCAGGGCTTTCT
 CTGGAGCTTTTCGGGACCCGTGGCCTTCATCATTTTCTGCAATGCTGCCATTTTCGTGATCACTGTCTGG
 AAGCTCACAAAGAAGTTTTCTGAAATCAACCAAAACATGAAGAAGTTAAGGAAGGCGAGGGTGTGACCA
 TCACCTCCATCGCCAGCTCCTTGTGCTGGGCTGCACCTGGGGCTTCGGCCTGTTCTCTCAACCCCA
 TAGCACATGGCTATCCTACATCTTACCCTGCTCAACTGCCTGCAGGGCCTATTCCTCTATGTGATGCTC
 TGCTGCTCAACAAAAGGTGAGGGAAGAGTACTGGAAAATGGGCTGATGGTCACTGGGAGCAAGTACA
 CAGAGTTCAACTCTTCCACAACAGGCACTGGCACCAGCCAAACACGGGCTCTCAGTCTCAGAATCAGG
 GATGTGA

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_011925
Insert Size: 2457 bp

OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p>
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:	NM_011925.2 , NP_036055.2
RefSeq Size:	3253 bp
RefSeq ORF:	2457 bp
Locus ID:	26364
Cytogenetics:	8 40.22 cM
Gene Summary:	<p>Receptor potentially involved in both adhesion and signaling processes early after leukocyte activation. Plays an essential role in leukocyte migration.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).</p>