

Product datasheet for **MC220772**

Adgre5 (NM_001163031) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adgre5 (NM_001163031) 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: >MC220772 representing NM_001163031
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGGGGCGTCAGATGCCCGGCTGCTTGTGGTGTGCATTTTACTGAGTCTCTCAGGAGCTGGAACCC
 AGAAGGCAGAGAACTGTGCCAAGTGGTGCCTATCAACTCAAAATGTGTGAGTAACAGAAGCTGTGTCTG
 CAAGCCCAGCTTCAAGCTCGGAGAAGGAATTGATCACTAACCTGCAGAGAGCTGTGAAGACATCAACGAG
 TGTTTACTACCTGGATTTTCTGTGGAGACTTTGCCATGTGTAAGAACTCAGAGGGGAGTTACACCTGCG
 TCTGTAACCTGGGATATAAGCTCCTTTCTGGTGCAGAATCTTTTGTAAACGAGAGTGAGAATACATGTCA
 AGATGTGGATGAGTGCAGCTCTGGGCAGCATCAATGTCACAATCCACCGTCTGCAAAAACACCGTAGGC
 TCCTACAAGTCCACTGCCGTCCAGTTGGAAGCCAATCTGGGTCCCTCCGTGGTCCAGACCATAT
 GCCAAGAGCCACCGTTCCCTACTGGACTGCTGCCACAGCCACAGTCACTCTCTTGAGATTCTC
 TGTTGAAGTCCAGAATCTGCTCCGTGACTTCAATCCAGCCACGGTCAACTACACCATCCAGAAACTCATC
 GAGGCTGTGGACAAGCTGCTGGAAGACCCATGGAGACTGAAACCAACAAGTAGCTGCCAGTTGCTCT
 CGAACCTGGAACAAGCCTTCGGACCTTGCTCAGTTTTTACCAAGGCCCTTACCTACACGTCCTCC
 TTCAAATACTGAACTGTCCCTGATGGTGAAGGAGCAAGACAACAAGATGTTACCACAGTGCACCACGGC
 CAAACTTGGATGGAGCTGGACTGGGCTGTGACAGCTGGAGCCAAAATCTCAGAAAATGGCTCCTCGGTG
 CAGGCATCCTGTCCAGCCAAACATGGAAGCTGCTGGGCAACACCCCGCTGAAGTTGGAGCAGAGAAG
 GGCCTCCTGGAGACTTCTATGGAAGCCGATCCGAGTGTCTCACTTAAGCTTCTCTCAAACATCAAT
 TCTGTCTTCTGACCAACACGAACACTGAAAAGCTCGCCTCGAATGTGACGTTCAAGTTGACTTTACTT
 CTGTGGAGTCAATTGAGCCACGTGATGAGCTGATATGTGCCTTCTGAAAAGCCACAACGGGAATGGGTA
 CTGGGACACCGACGGCTGCTCAATGAATGGCACTGGCTTCTGCCACTGCAACCACCTGACCAGCTTTGCC
 ATCCTAATGGCTCAGTACCATGTGCAGGACCAAGGCTGGAATTGATCACCAAGGTGGGGCTGTTGTTGT
 CCCTGATCTGCCTGCTGTGCATCCTGACCTTCTGCTGGTGAAGCCCATCCAGAGCTCTCGAACCAT
 GGTGCACCTGCACCTGTGCATCTGCCTTCTCTGGGCTCAATCATATTCTGGTCCGGCTGGAGAATGAA
 GGGGGTGAAGTGGGCTGCGCTGCCGCTGGTGGCCGTGATGCTGCATTTCTGCTTCTGGCCGCTTCT
 GCTGGATGGCACTGGAGGGCTGGAGCTCTACTTCTGGTGGTGCCTGTGTTCCAGGGCCAAGGCTGAG
 TACATGGCAACGCTGCCTGATTGGCTACGGGGTGGCCCTCCTCATCGTGGCCATCTCAATGGCAGTTGTC
 AAAATGGATGGCTATGGGCATGCAACATACTGCTGGCTGGACTTAGGAAGCAGGGCTTTCTCTGGAGCT
 TTTCCGGACCCGTCCTTCAATTTTCTGCAATGCTGCCATTTTCGTGATCACTGTCTGGAAGCTCAC
 AAAGAAGTTTTCTGAAATCAACCCAAACATGAAGAAGTTAAGGAAGGCGAGGGTGTGACCATCACCTCC
 ATCGCCAGCTCCTTGTGCTGGGCTGCACCTGGGGCTTCGGCCTGTTCTCTTCAACCCCATAGACAT
 GGCTATCTACATCTTACCCTGCTCAACTGCCTGCAGGGCCTATTCTCTATGTGATGCTCTGCCTGCT
 CAACAAAAGGTGAGGGAAGAGTACTGGAATGGGCTGCATGGTCACTGGGAGCAAGTACACAGAGTTC
 AACTCTCCACAACAGGCACTGGCACCAGCCAAACACGGGCTCTCAGTCTCAGAATCAGGGAT**GTGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001163031

Insert Size: 2169 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_001163031.1, NP_001156503.1</u>
RefSeq Size:	2965 bp
RefSeq ORF:	2169 bp
Locus ID:	26364
Cytogenetics:	8 40.22 cM
Gene Summary:	Receptor potentially involved in both adhesion and signaling processes early after leukocyte activation. Plays an essential role in leukocyte migration.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (4) lacks multiple in-frame exons in the 5' coding region and uses an alternate splice site, compared to variant 1, that results in a shorter protein (isoform 4), compared to isoform 1.