

Product datasheet for **MC221492**

Adgre5 (NM_001163030) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adgre5 (NM_001163030) 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: >MC221492 representing NM_001163030
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGGGGCGTCAGATGCCCGGCTGCTTGTGGTGTGCATTTTACTGAGTCTCTCAGGAGCTGGAACCC
 AGAAGGCAGAGAGTAAGAACTGTGCCAAGTGGTGCCCTATCAACTCAAAATGTGTGAGTAAACAGAAAGCTG
 TGTCTGCAAGCCCGGCTTCAGCTCGGAGAAGGAATTGATCACTAACCCCTGCAGAGAGCTGTGAAGACATC
 AACGAGTGTTTACTACCTGGATTTTCTGTGGAGACTTTGCCATGTGTAAGAACTCAGAGGGGAGTTACA
 CCTGCGTCTGTAACCTGGGATATAAGCTCCTTTCTGGTGCAGAATCTTTTGTAAACGAGAGTGAGAATAC
 ATGTCAAGATGTGAATGAGTGCATCTCCGGGCAAAACCATTGCCACCAATCCACCCACTGCATCAACAAA
 TTGGGTGGCTATTCTTGCATCTGTCGTAAGGCTGAAACCTGTTCTGGATCCCCAATGGCCCTGTCA
 GCACAGTGTGCAAGATGTGGATGAGTGCAGCTCTGGGCAGCATCAATGCACAATCCACCGTCTGCAA
 AAACACCGTAGGCTCCTACAAGTCCACTGCCGTCCAGGTTGGAAGCCAATTCTGGGTCCCTCCGTGGT
 CCAGACACCATATGCCAAGAGCCACCGTCCCTACTTGGACACTGCTGCCACAGCCACAGTCAAGACTC
 TCTTGAGATTCTCTGTTGAAGTCCAGAATCTGCTCCGTGACTTCAATCCAGCCACGGTCAACTACCCAT
 CCAGAACTCATCGAGGCTGTGGACAAGCTGCTGGAAGACCCCATGGAGACTGAAACCCAACAAGTAGCT
 GCCCAGTTGCTCTCGAACCTGGAACAAAGCCTTCGGACCTGGCTCAGTTTTTACCCAAAGGCCCTTCA
 CCTACAGTCCCCTTCAAATACTGAACTGTCCCTGATGGTGAAGGAGCAAGACAACAAGATGTTACCAC
 AGTGCACCACGGCCAACTTGGATGGAGCTGGACTGGGCTGTGACAGCTGGAGCCAAAATCTCAGAAAAT
 GGCTCCTCGTGGCAGGCATCCTGTCCAGCCAAAACATGAAAAGCTGCTGGGCAACACCCCGCTGAACT
 TGGAGCAGAGAAGGGCCCTCTTGGAGGACTTCTATGGAAGCCGATTCCGAGTGTCTCACTTAAGCTTCT
 CTCAAACATCAATTCTGTCTTCTGACCAACACGAACACTGAAAAGCTCGCCTCGAATGTCACGTTCAAG
 TTCGACTTACTTCTGTGGAGTCAATTGAGCCAGTGCATGAGCTGATATGTGCCTTCTGGAAGCCACA
 ACGGGAATGGGTACTGGGACACCGACGGCTGCTCAATGAATGGCACTGGCTTCTGCCACTGCAACCCT
 GACCAGCTTGGCATCCTAATGGCTCAGTACCATGTGCAGGACCAAGGCTGGAATTGATCACCAGGTTG
 GGGCTGTTGTTGCCCTGATCTGCCTGCTGTGATCCTGACCTTCTGCTGGTGAAGCCATCCAGA
 GCTCTCGAACCATGGTGCACCTGCACCTGTGCATCTGCCTTCTCTGGGCTCAATCATATCCTGGTCCG
 CGTGGAGAATGAAGGGGGTGAAGTGGGCTGCGCTGCCGCTGGTGGCCGTGATGCTGCATTTCTGCTTC
 CTGGCCGCTTCTGCTGGATGGCACTGGAGGGCTGGAGCTCTACTTCTGGTGGTGCCTGTGTTCCAGG
 GCCAAGGCTGAGTACATGGCAACGCTGCCTGATTGGCTACGGGGTGCCCTCCTCATCGTGCCATCTC
 AATGGCAGTTGTCAAAATGGATGGCTATGGGCATGCAACATACTGCTGGCTGGACTTTAGGAAGCAGGGC
 TTTCTCTGGAGCTTTTCGGGACCCGTGGCTTTCATCATTTTCTGCAATGCTGCCATTTTCTGATCACTG
 TCTGGAAGCTCACAAGAAGTTTCTGAAATCAACCCAAACATGAAGAAGTTAAGGAAGGCGAGGGTGT
 GACCATCACCTCCATCGCCAGCTCCTTGTGCTGGGCTGCACCTGGGGCTTCGGCCTGTTCTCTTCAAC
 CCCCATAGCACATGGCTATCCTACATCTTACCCTGCTCAACTGCCTGCAGGGCCTATTCCTCTATGTGA
 TGCTCTGCCTGCTCAACAAAAAGGTGAGGGAAGAGTACTGGAAATGGGCTGCATGGTCACTGGGAGCAA
 GTACACAGAGTTCAACTTTCCACAACAGGCACTGGCACCAAGCCAAACACGGGCTCTCAGTCTCAGAA
 TCAGGGAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001163030
Insert Size: 2322 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_001163030.1</u> , <u>NP_001156502.1</u>
RefSeq Size:	3118 bp
RefSeq ORF:	2322 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 (3) lacks an in-frame exon in the 5' coding region, compared to variant 1, that results in a shorter protein (isoform 3), compared to isoform 1.