

## Product datasheet for **MC221095**

### Adgre5 (NM\_001163029) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Adgre5 (NM_001163029) 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:** >MC221095 representing NM\_001163029  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGGGGCGTCAGATGCCCGGCTGCTTGTGGTGTGCATTTTACTGAGTCTCTCAGGAGCTGGAACCC  
 AGAAGGCAGAGAGTAAGAACTGTGCCAAGTGGTGCCCTATCAACTCAAAATGTGTGAGTAAACAGAAAGCTG  
 TGTCTGCAAGCCCGGCTTCAGCTCGGAGAAGGAATTGATCACTAACCCCTGCAGAGAGCTGTGAAGACATC  
 AACGAGTGTTTACTACCTGGATTTTCTGTGGAGACTTTGCCATGTGAAGAACTCAGAGGGGAGTTACA  
 CCTGCGTCTGTAACCTGGGATATAAGCTCCTTTCTGGTGCAGAATCTTTTGTAAACGAGAGTGAGAATAC  
 ATGTCAAGATGTGGATGAGTGCAGCTCTGGGCAGCATCAATGTCACAATTCACCGTCTGCAAAAACACC  
 GTAGGCTCTACAAGTGCCTGCGTCCAGGTTGGAAGCCAACCTCTGGGTCCCTCCGTGGTCCAGACA  
 CCATATGCCAAGAGCCACCGTCCCTACTTGGACTGCTGCCACAGCCACAGTCAGACTCTCTTGAG  
 ATTCTCTGTTGAAGTCCAGAATCTGCTCCGTGACTTCAATCCAGCCACGGTCACTACACCATCCAGAAA  
 CTCATCGAGGCTGTGGACAAGCTGCTGGAAGACCCCATGGAGACTGAAACCCAACAAGTAGCTGCCAGT  
 TGCTCTCGAACCTGGAACAAAGCCTTCGGACCTTGCTCAGTTTTTACCCAAAGGCCCTTCACCTACAC  
 GTCCCTTCAAATACTGAACTGTCCCTGATGGTGAAGGAGCAAGACAACAAAGATGTTACCACAGTGCAC  
 CACGGCCAAACTTGGATGGAGCTGGACTGGGCTGTGACAGCTGGAGCCAAAATCTCAGAAAATGGCTCCT  
 CGGTGGCAGGCATCCTGTCCAGCCAAACATGGAAGAGCTGTGGGCAACACCCCGCTGAACTTGGAGCA  
 GAGAAGGGCCTCCTTGGAGGACTTCTATGGAAGCCGATTCAGAGTGTCTCACTTAAGCTTCTCTCAAAC  
 ATCAATTCTGTCTTCTGACCAACACGAACTGAAAAGCTCGCCTCGAATGTCACGTTCAAGTTCGACT  
 TTACTTCTGTGGAGTCAATTGAGCCACGTCATGAGCTGATATGTGCCTTCTGAAAAGCCCAACGGGAA  
 TGGGTACTGGGACACCGACGGCTGCTCAATGAATGGCACTGGCTTCTGCCACTGCAACACCTGACCAGC  
 TTTGCCATCCTAATGGCTCAGTACCATGTGACAGCCAAAGGCTGGAATTGATCACCAAGGTGGGGCTGT  
 TGTGTCCCTGATCTGCCTGCTGCTGTGCATCCTGACCTTCTGCTGGTGAAGCCCATCCAGAGCTCTCG  
 AACCATGGTGCACCTGCACCTGTGCATCTGCCTTCTGGGCTCAATCATATTCTGGTCCGGCTGGAG  
 AATGAAGGGGGTGAAGTGGGCTGCGCTGCCGCTGGTGGCCGTGATGCTGCATTTCTGCTTCTGGCCG  
 CCTTCTGCTGGATGGCACTGGAGGGCTGGAGCTACTTCTGGTGGTGCCTGTGTTCCAGGGCCAAGG  
 CCTGAGTACATGGCAACGCTGCCTGATTGGCTACGGGGTGGCCCTCCTCATCGTGGCCATCTCAATGGCA  
 GTTGTCAAATGGATGGCTATGGGCATGCAACATACTGCTGGCTGGACTTGAAGGAGGGGCTTCTCT  
 GGAGCTTTTCGGGACCCGTGGCCTTCATCATTTTCTGCAATGCTGCCATTTTCGTGATCACTGTCTGGAA  
 GCTCACAAGAAGTTTTCTGAAATCAACCCAAACATGAAGAAGTTAAGGAAGGCGAGGGTCTGACCATC  
 ACCTCCATCGCCAGCTCCTTGTGCTGGGCTGCACCTGGGGCTTCGGCCTGTTTCTCTTCAACCCCAT  
 GCACATGGCTATCCTACATCTTACCCTGCTCAACTGCCTGCAGGGCCTATTCTCTATGTGATGCTCTG  
 CCTGCTCAACAAAAGGTGAGGGAAGAGTACTGAAAATGGGCTGCATGGTCACTGGGAGCAAGTACACA  
 GAGTTCAACTCTCCACAACAGGCACTGGCACCAGCCAAACACGGGCTCTCAGGTCTCAGAATCAGGGA  
 TG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001163029

**Insert Size:** 2175 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).

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001163029.1, NP_001156501.1</u>
<b>RefSeq Size:</b>	2971 bp
<b>RefSeq ORF:</b>	2175 bp
<b>Locus ID:</b>	26364
<b>UniProt ID:</b>	<u>Q9Z0M6</u>
<b>Cytogenetics:</b>	8 40.22 cM
<b>Gene Summary:</b>	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 (2) lacks multiple in-frame exons in the 5' coding region, compared to variant 1, that results in a shorter protein (isoform 2), compared to isoform 1.