

## Product datasheet for **MC216595**

### Edil3 (NM\_001037987) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Edil3 (NM_001037987) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Edil3
Synonyms:	Del-1; Del1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC216595 representing NM\_001037987  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGAAGCACTTGGTAGCAGCCTGGCTTTTGGTTGGACTCAGCCTCGGGTGCCCCAGTTCGGCAAAGGTG  
 ACATTTGCAACCCGAACCCCTGTGAAAATGGTGGCATCTGTCTGTCAGGACTGGCTGATGATTCCTTTTC  
 CTGTGAGTGTCCAGAAGGCTTCGAGGTCGCAACTGCTCTAGTGTGTGGAGTTGCATCAGATGAAGAA  
 AAGCCTACTTCAGCAGGTCCTGCATCCCTAACCCATGCCATAACGGAGGAACCTGTGAGATAAGCGAAG  
 CCTATCGAGGAGACATTTCATAGGCTATGTTTGTAAATGTCCTCGGGATTTAATGGGATTCAGTGTCA  
 GCACAATATAAATGAATGTGAAGCTGAGCCTTGCAGAAATGGCGGAATATGTACCGACCTTGTGCTAAC  
 TACTCTTGTGAATGCCAGGAGAATTTATGGGACGAAATGTCAATATAAATGCTCTGGGCCATTGGGAA  
 TCGAAGGTGGGATCATATCTAATCAGCAAATCACAGCTTCATCTACTCACCGAGCTCTTTTGGACTCCA  
 GAAGTGGTATCCCTACTATGCTCGACTTAATAAGAAGGGCCTTATAAATGCCTGGACAGCTGCTGAAAAT  
 GACAGATGGCCATGGATTAGATAAATTTGCAAAGAAAAATGAGAGTCACTGGTGTATTACCCAAGGAG  
 CAAAAAGGATTGGAAGCCAGAGTACATAAAATCCTACAAAATTCCTACAGCAATGACGGGAAGACCTG  
 GGCAATGTACAAAGTAAAAGGCACCAATGAAGAGATGGTCTTTCGTGAAATGTTGATAACAACACACCA  
 TATGCTAATTCCTTACACCCCCAATCAAAGCTCAGTATGAAGACTCTACCCCCAAATTTGTCGAAGGC  
 ATTGTACTTTAAGAATGGAATCTTGGCTGTGAGCTCTCAGGCTGTTTCCAGAACCTTTGGGGATGAAATC  
 AGGGCATATACAAGACTACCAGATCACTGCCTCCAGCGTCTTCCAGAACCTCAACATGGACATGTTTACT  
 TGGGAACCAAGGAAAGCCAGGCTGGACAAGCAAGGCAAAGTAAATGCCTGGACTTCCGGCCATAACGACC  
 AGTCACAATGGTTACAGGTTGATCTTCTTGTCCCTACTAAGGTGACAGGCATCATTACACAAGGACTAA  
 AGATTTTGGTCACGTGCAGTTTGTGGTGCATACAACTAGCTTACAGCAATGATGGAGAACACTGGATG  
 GTGCACCAAGGATGAAAAACAGAGAAAAGACAAGGTTTTTCAAGGCAATTTTACAAATGACACTCACAGGA  
 AAAATGTCATCGACCCTCCATCTATGCACGATTCATAAGAATCCTTCTTGGTCTGGTATGGAAGGAT  
 CACTCTGCGGTCAGAGCTGCTGGCTGCGCAGAGGAGGA**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001037987

**Insert Size:** 1443 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:**

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_001037987.3, NP_001033076.1</u>
RefSeq Size:	5358 bp
RefSeq ORF:	1443 bp
Locus ID:	13612
UniProt ID:	<u>O35474</u>
Cytogenetics:	13 C3
Gene Summary:	<p>Promotes adhesion of endothelial cells through interaction with the alpha-v/beta-3 integrin receptor. Inhibits formation of vascular-like structures. May be involved in regulation of vascular morphogenesis of remodeling in embryonic development.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (a).</p>