

Product datasheet for **MC216444**

Edil3 (NM_010103) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Edil3 (NM_010103) 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: >MC216444 representing NM_010103
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGCACTTGGTAGCAGCCTGGCTTTTGGTTGGACTCAGCCTCGGGGTGCCCCAGTTCGGCAAAGGTG
 ACATTTGCAACCCGAACCCCTGTGAAAATGGTGGCATCTGTCTGTCAGGACTGGCTGATGATTCCTTTTC
 CTGTGAGTGTCCAGAAGGCTTCGCAGGTCGCAACTGCTCTAGTGTGTGGAGTTGGTCCCTGCATCCCT
 AACCCATGCCATAACGGAGGAACCTGTGAGATAAGCGAAGCCTATCGAGGAGACACATTCATAGGCTATG
 TTTGTAATGTCTCGGGGATTTAATGGGATTCAGTGTGAGCACAATAAATGAATGTGAAGCTGAGCC
 TTGCAGAAATGGCGAATATGTACCGACCTTGTGCTAACTACTCTTGTGAATGCCAGGAGAATTTATG
 GGACGAAATGTCAATAAATGCTCTGGGCCATTGGGAATCGAAGGTGGGATCATATCTAATCAGCAA
 TCACAGCTTCATCTACTACCGAGCTCTTTTGGACTCCAGAAGTGGTATCCCTACTATGCTCGACTTAA
 TAAGAAGGGCCTTATAAATGCCTGGACAGCTGCTGAAAATGACAGATGGCCATGGATTTCAGATAAATTTG
 CAAAGAAAAATGAGAGTCACTGGTGTATTACCCAAGGAGCAAAAAGGATTGGAAGCCCAGAGTACATAA
 AATCCTACAAAATTCCTACAGCAATGACGGGAAGACCTGGGCAATGTACAAAAGTAAAAGGCACCAATGA
 AGAGATGGTCTTTCGTGGAAATGTTGATAACAACACCATATGCTAATTCCTTTCACACCCCAATCAAA
 GCTCAGTATGTAAGACTTACCCCAAATTTGTGCAAGGCATTGTACTTTAAGAAATGGAACCTTCTGGCT
 GTGAGCTCTCAGGCTGTTTACAGCACTTTGGGGATGAAATCAGGGCATATACAAGACTACCAGTCACTGC
 CTCCAGCGTCTTCAGAACTCAACATGGACATGTTTACTTGGGAACCAAGGAAAGCCAGGCTGGACAAG
 CAAGGCAAAGTAAATGCCTGGACTTCCGGCCATAACGACCAGTCACAATGGTTACAGGTTGATCTTCTTG
 TCCCTACTAAGGTGACAGGCATCATTACACAAGGAGCTAAAGATTTTGGTCACGTGCAGTTTGTGGGTC
 ATACAAACTAGCTTACAGCAATGATGGAGAACACTGGATGGTGCACCAGGATGAAAAACAGAGAAAAGAC
 AAGGTTTTTCAAGCAATTTTGAATGACACTCACAGGAAAAATGTCATCGACCCTCCATCTATGCAC
 GATTCATAAAGAAATCCTTCTTGGTCTGTGATGGAAGGATCACTCTCGCGTCAGAGCTGCTGGGCTGCGC
 AGAGGAGGAATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_010103
- Insert Size:** 1413 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: [NM_010103.4](#), [NP_034233.1](#)

RefSeq Size: 5328 bp

RefSeq ORF: 1413 bp

Locus ID: 13612

UniProt ID: [O35474](#)

Cytogenetics: 13 C3

Gene Summary: 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]

Transcript Variant: This variant (2) is missing an internal, in-frame coding exon compared to transcript variant 1, resulting in a shorter isoform (b) missing a 10 aa protein segment compared to isoform a.