

## Product datasheet for **MG207688**

### Edil3 (BC056386) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Edil3 (BC056386) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Edil3
Synonyms:	Del-1; Del1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>MG207688 representing BC056386  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGAAGCACTTGGTAGCAGCCTGGCTTTTGGTTGGACTAGCCTCGGGTGCCCCAGTTCGGCAAAGGTG  
 ACATTTGCAACCCGAACCCCTGTGAAAATGGTGGCATCTGTCTGTCAGGACTGGCTGATGATTCCTTTTC  
 CTGTGAGTGTCCAGAAGGCTTCGCAGGTCCGAAGTCTCTAGTGTGTGGAGTTGCATCAGATGAAGAA  
 AAGCCTACTTCAGCAGGTCCCTGCATCCCTAACCCATGCCATAACGGAGGAACCTGTGAGATAAGCGAAG  
 CCTATCGAGGAGACATTTCATAGGCTATGTTTGTAAATGTCTCGGGGATTTAATGGGATTCAGTGTCA  
 GCACAATATAAATGAATGTGAAGCTGAGCCTTGCAGAAAATGGCGGAATATGTACCGACCTTGTGCTAAC  
 TACTCTTGTGAATGCCAGGAGAATTTATGGGACGAAATGTCAATATAAATGCTCTGGGCCATTGGGAA  
 TCGAAGGTGGGATCATATCTAATCAGCAAATCACAGTTCATCTACTCACCGAGCTCTTTTGGACTCCA  
 GAAGTGGTATCCCTACTATGCTCGACTTAATAAGAAGGGCCTTATAAATGCCTGGACAGCTGCTGAAAAT  
 GACAGATGGCCATGGATTAGATAAATTTGCAAAGAAAAATGAGAGTCACTGGTGTATTACCCAAGGAG  
 CAAAAAGGATTGGAAGCCAGAGTACATAAAATCCTACAAAATTCCTACAGCAATGACGGGAAGACCTG  
 GGCAATGTACAAAGTAAAAGGCACCAATGAAGAGATGGTCTTTCGTGAAATGTTGATAACAACACACCA  
 TATGCTAATTCCTTACACCCCCAATCAAAGCTCAGTATGTAAGACTCTACCCCCAAATTTGTCGAAGGC  
 ATGTACTTTAAGAATGGAATCTTGGCTGTGAGCTCTCAGGCTGTTTCCAGAACCTTTGGGGATGAAATC  
 AGGGCATAACAAGACTACCAGATCACTGCCTCCAGCGTCTTCCAGAACCTCAACATGGACATGTTTACT  
 TGGGAACCAAGGAAAGCCAGGCTGGACAAGCAAGGCAAAGTAAATGCCTGGACTTCCGGCCATAACGACC  
 AGTCACAATGGTTACAGTTGATCTTCTTGTCCCTACTAAGGTGACAGGCATCATTACACAAGGAGCTAA  
 AGATTTTGGTCACGTGCAGTTTGTGGTGCATACAACTAGCTTACAGCAATGATGGAGAACAACACTGGATG  
 GTGCACCAAGGATGAAAAACAGAGAAAAGACAAGGTTTTTCAAGGCAATTTTACAATGACACTCACAGGA  
 AAAATGTCATCGACCCTCCATCTATGCACGATTCATAAGAATCCTTCTTGGTCTGGTATGGAAGGAT  
 CACTCTGCGGTACAGAGCTGCTGGCTGCGCAGAGGAGGAA

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA

**Protein Sequence:**

>MG207688 representing BC056386  
 Red=Cloning site Green=Tags(s)

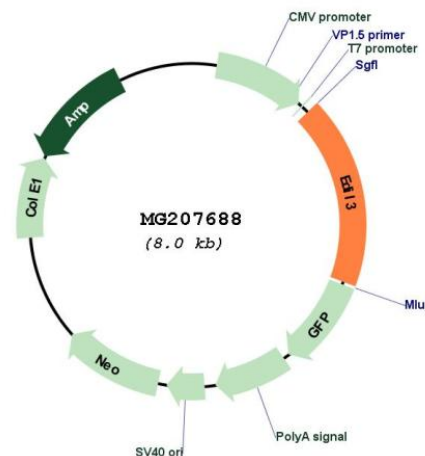
MKHLVAAWLLVGLSLGVPQFGKGDICNPNCENGGICLSGLADDSFSCECPEGFAGPNCSSVVEVASDEE  
 KPTSAGPCIPNPCHNGGTCEISEAYRGDTFIGYVCKCPRGFNGIHCQHNINECEAEPCRNNGICTDLVAN  
 YSCECPGEFMGRNCQYKCSGPLGIEGGIISNQITASSTHRALFGLQKWYPYARLNKKGLINAWTAAEN  
 DRWPWIQINLQRKMRVTGVITQGAKRIGSPEYIKSYKIAYSNDGKTWAMYKVKGTNEEMVFRGNVDNNT  
 YANSFTPIKAQYVRLYPQICRRHCTLRMELLGCELSGCSEPLGMKSGHIQDYQITASSVFRTLNDMFT  
 WEPRKARLDKQGVNAWTSGHNDQSQWLQVDLLVPTKVTGIITQGAKDFGHVQFVGSYKLAYSNDGEHWM  
 VHQDEKQRKDKVFGNFDNDTHRKNVIDPPIYARFIRILPWSWYGRITLRSSELLGCAEEE

**TRTRPLE** - GFP Tag - V

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**

**Plasmid Map:**


**ACCN:** BC056386

**ORF Size:** 1442 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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:** [BC056386](#), [AAH56386](#)

**RefSeq Size:** 4664 bp

**RefSeq ORF:** 1442 bp

**Locus ID:** 13612

**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]