

Product datasheet for **MR207688**

Edil3 (NM_001037987) Mouse Tagged ORF Clone

Product data:

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



[View online »](#)

ORF Nucleotide Sequence:

>MR207688 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAAGCACTTGGTAGCAGCCTGGCTTTTGGTTGGACTCAGCCTCGGGGTGCCCCAGTTCGGCAAAGGTG
 ACATTTGCAACCCGAACCCCTGTGAAAATGGTGGCATCTGTCTGTCAGGACTGGCTGATGATTCCTTTTC
 CTGTGAGTGTCCAGAAGGCTTCGCAGGTCCGAACCTGCTCTAGTGTGTGGAGTTGCATCAGATGAAGAA
 AAGCCTACTTCAGCAGGTCCCTGCATCCCTAACCCATGCCATAACGGAGGAACCTGTGAGATAAGCGAAG
 CCTATCGAGGAGACATTTCATAGGCTATGTTTGTAAATGTCCTCGGGGATTTAATGGGATTCAGTGTCA
 GCACAATATAAATGAATGTGAAGCTGAGCCTTGCAGAAATGGCGGAATATGTACCGACCTTGTGCTAAC
 TACTCTTGTGAATGCCAGGAGAATTTATGGGACGAAATGTCAATATAAATGCTCTGGGCCATTGGGAA
 TCGAAGGTGGGATCATATCTAATCAGCAAATCACAGCTTCATCTACTCACCGAGCTCTTTTGGACTCCA
 GAAGTGGTATCCCTACTATGCTCGACTTAATAAGAAGGGCCTTATAAATGCCTGGACAGCTGCTGAAAAT
 GACAGATGGCCATGGATTAGATAAATTTGCAAAGAAAAATGAGAGTCACTGGTGTATTACCCAAGGAG
 CAAAAAGGATTGGAAGCCAGAGTACATAAAATCCTACAAAATTCCTACAGCAATGACGGGAAGACCTG
 GGCAATGTACAAAGTAAAAGGCACCAATGAAGAGATGGTCTTTCGTGAAATGTTGATAACAACACACCA
 TATGCTAATTCCTTACACCCCCAATCAAAGCTCAGTATGTAAGACTCTACCCCCAAATTTGTCGAAGGC
 ATTGTAATTTAAGAAATGGAACCTCTTGGCTGTGAGCTCTCAGGCTGTTTCCAGAACCTTTGGGGATGAAATC
 AGGGCATATACAAGACTACCAGATCACTGCCTCCAGCGTCTTTCAGAACCTCAACATGGACATGTTTACT
 TGGGAACCAAGGAAAGCCAGGCTGGACAAGCAAGGCAAAGTAAATGCCTGGACTTCCGGCCATAACGACC
 AGTCACAATGGTTACAGGTTGATCTTCTTGTCCCTACTAAGGTGACAGGCATCATTACACAAGGCTAA
 AGATTTTGGTCACGTGCAGTTTGTGGTGCATACAAACTAGCTTACAGCAATGATGGAGAACAAGGATG
 GTGCACCAAGGATGAAAAACAGAGAAAAGACAAGGTTTTTCAAGGCAATTTTACAATGACACTCACAGGA
 AAAATGTCATCGACCCTCCATCTATGCACGATTCATAAGAATCCTTCTTGGTCTGGTATGGAAGGAT
 CACTCTGCGGTACAGAGCTGCTGGCTGCGCAGAGGAGGAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207688 protein sequence
 Red=Cloning site Green=Tags(s)

MKHLVAAWLLVGLSLGVPQFGKGDICNPNPCENGGICLSGLADDSFSCECPEGFAGPNCSSVVEVASDEE
 KPTSAGPCIPNPCHNGGTCEISEAYRGDTFIGYVCKCPRGFNGIHCQHNINECEAEPCRNNGICTDLVAN
 YSCECPGEFMGRNCQYKCSGPLGIEGGIISNQITASSTHRALFGLQKWYPYARLNKKGLINAWTAAEN
 DRWPWIQINLQRKMRVTGVITQGAKRIGSPEYIKSYKIAYSNDGKTWAMYKVKGTNEEMVFRGNVDNNT
 YANSFTPIKAQYVRLYPQICRRHCTLRMELLGCELSGCSEPLGMKSGHIQDYQITASSVFRTLNDMFT
 WEPRKARLDKQGVNAWTSQHNDQSQWLQVDLLVPTKVTGIIQGAKDFGHVQFVGSYKLAYSNDGEHWM
 VHQDEKQRKDKVFQGNFDNDTHRKNVIDPPIYARFIRILPWSWYGRITLRESELLGCAEEE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001037987

ORF Size: 1443 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: [NM_001037987.3](#), [NP_001033076.1](#)

RefSeq Size: 5358 bp

RefSeq ORF: 1443 bp

Locus ID: 13612

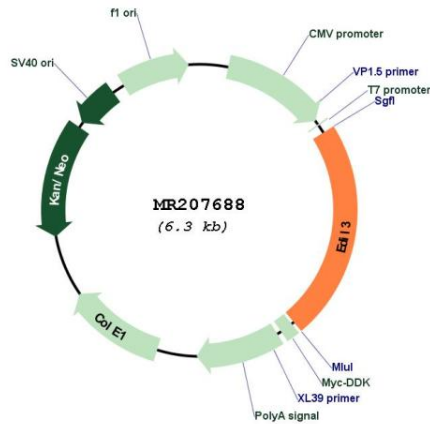
UniProt ID: [O35474](#)

Cytogenetics: 13 C3

MW: 53.7 kDa

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]

Product images:



Circular map for MR207688