

Product datasheet for **RG205282**

EDIL3 (NM_005711) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EDIL3 (NM_005711) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	EDIL3
Synonyms:	DEL1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG205282 representing NM_005711
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAAGCGCTCGGTAGCCGCTCTGGCTCTTGGTCGGGCTCAGCCTCAGTGTCCCCAGTTCGGCAAAGGTG
 ATATTTGTGATCCCAATCCATGTGAAAAATGGAGGTATCTGTTTGCAGGATTGGCTGATGGTTCTTTTC
 CTGTGAGTGTCCAGATGGCTTACAGACCCCAACTGTTCTAGTGTGTGGAGTTGCATCAGATGAAGAA
 GAACCAACTTCAGCAGGTCCCTGCACTCCTAATCCATGCCATAATGGAGGAACCTGTGAAATAAGTGAAG
 CATACCGAGGGGATACATTCATAGGCTATGTTTGTAAATGTCCCCGAGGATTTAATGGGATTCAGTGTCA
 GCACAACATAAATGAATGCGAAGTTGAGCCTTGCAAAAAATGGTGAATATGTACAGATCTTGTGTCTAAC
 TATTCCTGTGAGTGCCAGGCGAATTTATGGGAAGAAATGTCAATACAAATGCTCAGGCCCACTGGGAA
 TTGAAGGTGGAATTATATCAAACCAGCAAATCACAGCTTCTCTACTCACCGAGCTCTTTTTGGACTCCA
 AAAATGGTATCCCTACTATGCACGTCTTAATAAGAAGGGGCTTATAAATGCGTGGACAGCTGCAGAAAAAT
 GACAGATGGCCGTGGATTAGATAAATTTGCAAAGGAAAAATGAGAGTTACTGGTGTGATTACCCAAGGAG
 CCAAGAGGATTGGAAGCCAGAGTATATAAAATCCTACAAAAATGCCTACAGTAATGATGAAAAGACTTG
 GGCAATGTACAAAGTGAAGGCACCAATGAAGACATGGTGTTCGTGGAAACATTGATAACAACACTCCA
 TATGCTAACTCTTTCACACCCCCATAAAAGCTCAGTATGTAAGACTCTATCCCCAAGTTTGTGCGAAGAC
 ATTGCACTTTGCGAATGGAACCTCTTGGCTGTGAAGTGTGGGTTGTTCTGAGCCTCTGGGTATGAAATC
 AGGACATATAAAGACTATCAGATCACTGCCTCCAGCATCTTCAGAACGCTCAACATGGACATGTTCACT
 TGGGAACCAAGGAAAGCTCGGCTGGACAAGCAAGGCAAAGTGAATGCCTGGACCTCTGGCCACAATGACC
 AGTCACAATGGTTACAGGTGGATCTTCTTGTCCAAACAAAGTACTGGCATCATTACACAAGGAGCTAA
 AGATTTTGGTCATGTACAGTTTGTGGCTCCTACAAACTGGCTTACAGCAATGATGGAGAACAACACTGGACT
 GTATACAGGATGAAAAGCAAAGAAAAGATAAGGTTTTCCAGGAAATTTTACAAATGACTCACAGAA
 AAAATGTCATCGACCCTCCATCTATGCACGACACATAAGAATCCTTCTTGGTCTGGTACGGGAGGAT
 CACATTGCGGTACAGAGCTGCTGGGCTGCACAGAGGAGGAA

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG205282 representing NM_005711
 Red=Cloning site Green=Tags(s)

MKRSVAVWLLVGLSLVSPQFGKGDICDPNPCENGGICLPLGLADGSFSCECPDGFDPNCSSVVEVASDEE
 EPTSAGPCTPNPCHNGGTCEISEAYRGDTFIGYVCKCPRGFNGIHCQHNINECEVEPCKNGGICTDLVAN
 YSCECPGEFMGRNCQYKCSGPLGIEGGIISNQITASSTHRALFGLQKWYPYARLNKKGLINAWTAAEN
 DRWPWIQINLQRKMRVTGVITQGAKRIGSPEYIKSYKIAYSNDGKTWAMYKVKGTNEDMVFGRNIDNNT
 YANSFTPIKAQYVRLYPQVRRHCTLRMELLGCELSGCSEPLGMKSGHIQDYQITASSIFRTLNDMFT
 WEPRKARLDKQGVNAWTSGHNDQSQWLQVDLLVPTKVTGIITQGAKDFGHVQFVGSYKLAYSNDGEHWT
 VYQDEKQRKDKVFGNFDNDTHRKNVIDPPIYARHIRILPWSWYGRITLRSSELLGCTEEE

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_005711

ORF Size: 1440 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_005711.2](#)

RefSeq Size: 2974 bp

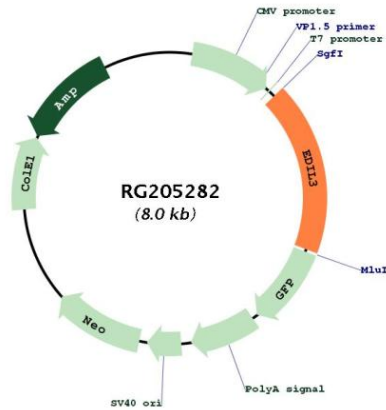
RefSeq ORF: 1443 bp

Locus ID: 10085

UniProt ID: [O43854](#)

Cytogenetics: 5q14.3
Domains: F5_F8_type_C, EGF_CA, EGF, EGF
Protein Families: Druggable Genome, Secreted Protein
Gene Summary: The protein encoded by this gene is an integrin ligand. It plays an important role in mediating angiogenesis and may be important in vessel wall remodeling and development. It also influences endothelial cell behavior. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG205282