

## Product datasheet for **SC116573**

### EDIL3 (NM\_005711) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	EDIL3 (NM_005711) Human Untagged Clone
Tag:	Tag Free
Symbol:	EDIL3
Synonyms:	DEL1
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL4</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene ORF within SC116573 sequence for NM\_005711 edited (data generated by NextGen Sequencing)

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ATGAAGCGCTCGGTAGCCGTCTGGCTCTTGGTCGGGCTCAGCCTCGGTGTCCCCAGTTC
GGCAAAGGTGATATTTGTGATCCCAATCCATGTGAAAATGGAGGTATCTGTTTGCAGGA
TTGGCTGATGGTTCCTTTTCTGTGAGTGTCCAGATGGCTTCACAGACCCCAACTGTTCT
AGTGTTGTGGAGGTTGCATCAGATGAAGAAGAACCAACTTCAGCAGGTCCCTGCACCTCT
AATCCATGCCATAATGGAGGAACCTGTGAAATAAGTGAAGCATACCGAGGGGATACATTC
ATAGGCTATGTTTGTAAATGTCCCCGAGGATTTAATGGGATTCAGTGTACGACACAACATA
AATGAATGCGAAGTTGAGCCTTGCAAAAATGGTGAATATGTACAGATCTTGTGCTAAC
TATTCCTGTGAGTGCCCAGGCGAATTTATGGGAAGAAATGTCAATACAAATGCTCAGGC
CCACTGGGAATTGAAGGTGGAATTATATCAAACCAGCAAATCACAGCTTCTCTACTCAC
CGAGCTCTTTTTGGACTCCAAAATGGTATCCCTACTATGCACGTCTTAATAAGAAGGGG
CTTATAAATGCGTGGACAGCTGCAGAAAATGACAGATGGCCGTGGATTACAGATAAATTTG
CAAAGGAAAATGAGAGTTACTGGTGTGATTACCCAAGGAGCCAAGAGGATTGGAAGCCCA
GAGTATATAAAATCCTACAAAATGCCTACAGTAAATGATGAAAAGACTTGGGCAATGTAC
AAAGTGAAGGCACCAATGAAGACATGGTGTTCGTGGAACATTGATAACAACACTCCA
TATGCTAACTCTTTCACACCCCCATAAAAAGCTCAGTATGTAAGACTCTATCCCCAAGTT
TGTGCAAGACATTGCACTTTGCGAATGGAACCTTCTGGCTGTGAACTGTCCGGTGTCTT
GAGCCTCTGGGTATGAAATCAGGACATATACAAGACTATCAGATCACTGCCTCCAGCATC
TTCAGAACGCTCAACATGGACATGTTCACTTGGGAACCAAGGAAAGCTCGGCTGGACAAG
CAAGGCAAAGTGAATGCCTGGACCTCTGGCCACAATGACCAGTCACAATGGTTACAGGTG
GATCTTCTTGTCCAACCAAGTACTGGCATCATTACACAAGGAGCTAAAGATTTTGGT
CATGTACAGTTTGTGGCTCCTACAACTGGCTTACAGCAATGATGGAGAACACTGGACT
GTATACCAGGATGAAAAGCAAAGAAAAGATAAGGTTTTCCAGGGAAATTTGACAATGAC
ACTCACAGAAAAATGTCATCGACCCTCCCATCTATGCACGACACATAAGAATCCTTCTT
TGGTCTGGTACGGGAGGATCACATTGCGGTGAGAGCTGCTGGGCTGCACAGAGGAGGAA
TGA
    
```

Clone variation with respect to NM\_005711.3

**5' Read Nucleotide Sequence:**

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>OriGene 5' read for NM_005711 unedited
GGGTGCACAATTGTATACGACTCATATAGGCGGCCGCAAATTCGCACGAGGGGGAAAGA
GAACGTCTTCTTGAATCTTTAGTAGGGGCGGAGTCTGCTGCTGCCCTGCGCTGCCACCT
CGGCTACACTGCCTCCGCGACGACCCCTGACCAGCCGGGGTACAGTCCGGGAGACGGGA
TCATGAAGCGCTCGGTAGCCGTCTGGCTCTTGGTCGGGCTCAGCCTCGGTGTCCCCAGT
TCGGCAAAGGTGATATTTGTGATCCCAATCCATGTGAAAATGGAGGTATCTGTTTGCAG
GATTGGCTGATGGTTCCTTTTCTGTGAGTGTCCAGATGGCTTCACAGACCCCAACTGTT
CTAGTGTTGTGGAGTTGCATCAGATGAAGAAGAACCAACTTCAGCAGGTCCCTGCACTC
CTAATCCATGCCATAATGGAGGAACCTGTGAAATAAGTGAAGCATACCGAGGGGATACAT
TCATAGGCTATGTTTGTAAATGTCCCCGAGGATTTAATGGGATTCAGTGTACGACACAACA
TAAATGAATGCGAAGTTGAGCCTTGCAAAAATGGTGAATATGTACAGATCTTGTGCTA
ACTATTCCTGTGAGTGCCAGGCGAATTTATGGGAAGAAATGTCAATACAAATGCTCAG
GCCACTGGGAATTGAAGGTGGAATTATCAAACCAGCANATCACAGCTTCTCTACTC
ACCGAGCTCTTTTTGACTNCAAAAAGGTATCCCTACTATGCACGTCTTAATAAGAAAGG
GGCTTATAATGCGTGGACAGCTGCAGAAAATGACAGATGGCCGTGGATTACAGATAAATTC
CAAGGNAATGAGAGTTACTGGTGTGATACCCAAGAAGCAAGAGGATGGGAGCCCANAG
GTTATTAATCCTACAAATTGGCTCAGTAAT
    
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<b>3' Read Nucleotide Sequence:</b>	>OriGene 3' read for NM_005711 unedited TATGAACCCGCGGCCGAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTCCAGCTT TTCAAAAGTTTATTTAAGTTTGGAGACTAGACAAGGTCATACTGGTTTTACATCCTACG TGATATAAGTATATACAAAGAAAAACAACATTGGAATATTACACAGCTTGAAGGTT TGCAAAGGTTATTTGTGCTTAGTTATTTCTGCACTTAATGACACATCAGACGCATTGAG TATATTTTATAAGTTGTTGACTAGCAAAGATAACAATCATTAGTAACCCAAGTCTTCAAAA TTCACACCAAACCTTATGAAGTCATTTCAGAAAGAGAAAGTCAATCCTAAAATTAATTTG GCAACTATGATAAATACCTTCAAAGGATGTAGATATAATGGAGATGTTTTAAAAGTTTAG TTTCATTAATTGTAATAATTAGCATGTTATATTTACTCAATATAGTGAAGACTAGGTGATT CTTACATGTATTCTACTTATGGTACTGTACTGGTTTTAGTGTGAATTTACATAGAATAAA TTTACTTCACTTTCATGTCATCGACATGAATGACACANAAGCTACTTCATAATACTACTT TACAATAGTTTTCAACATTTCCATATGGTGGCACCCTTTGCTCTCATCAATTTTGGGTG TCATGAGAACAATAGGTATCCCCTGGACATGATGATTGCGAAGAGCATATAAGCCGAG GGGAAATGAAAAAGCCAGAGAACTCATTTTCATGCTTTTTCTAAAAGGTACAAATTAATT TTAATCACCTCCTTGAAAAATTTTAAAACCGGTTTCATAGAAAAATTCCAAACCTATGTA AGCTTTAATATTTTTGAAAATTTTTCTCCTAAGCTAAGTATAATCTAAAATCCCTCTAAG AAGTTGTAATTGCAAGGAAAGCTCTGTTCTGAGGGCGTAAACCTGAGAACGGCTAAAGTA ATTGG
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_005711
<b>Insert Size:</b>	4700 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_005711.3</a></u> , <u><a href="#">NP_005702.3</a></u>
<b>RefSeq Size:</b>	2974 bp
<b>RefSeq ORF:</b>	1443 bp
<b>Locus ID:</b>	10085
<b>UniProt ID:</b>	<u><a href="#">O43854</a></u>
<b>Cytogenetics:</b>	5q14.3
<b>Domains:</b>	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]  
Transcript Variant: This variant (1) encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.