

Product datasheet for **SC316255**

DLL1 (NM_005618) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DLL1 (NM_005618) Human Untagged Clone
Tag:	Tag Free
Symbol:	DLL1
Synonyms:	Delta; DELTA1; DL1; NEDBAS
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene ORF sequence for NM_005618 edited
 GAATTCGGCACGAGGGCCCATCGATCCCCGCGCGTCCGCGCTGTTCTAAGGAGAGAAG
 TGGGGGCCCCCAGGCTCGCGCGTGGAGCGAAGCAGCATGGGCAGTCGGTGC GCGCTGGC
 CCTGGCGGTGCTCTCGGCTTGTGTGTGAGGTCTGGAGCTCTGGGGTGTTCGAACTGAA
 GCTGCAGGAGTTCGTCAACAAGAAGGGGCTGCTGGGAACCGCAACTGCTGCCGGGGGG
 CGCGGGGCCACCGCCGTGCGCCTGCCGGACCTTCTCCGCGTGTGCCTCAAGCACTACCA
 GGCCAGCGTGTCCCCGAGCCGCCCTGCACCTACGGCAGCGCCGTACCCCGTGTGGG
 CGTTCGACTCCTTTCAGTCTGCCCGACGGCGGGGGCGCCGACTCCGCGTTTCAGCAACCCAT
 CCGCTTCCCCTTCGCTTACCTGGCCGGGCACCTTCTCTGATTATTGAAGCTCTCCA
 CACAGATTCTCCTGATGACCTCGCAACAGAAAACCCAGAAAGACTCATCAGCCGCTGGC
 CACCCAGAGGCACCTGACGGTGGGCGAGGAGTGGTCCCAGGACCTGCACAGCAGCGGCCG
 CACGGACCTCAAGTACTCTACCGCTTCTGTGTGACGAACACTACTACGGAGAGGGCTG
 CTCGGTTTTCTGCCGTCCCCGGGACGATGCCTTCGGCCACTTACCTGTGGGGAGCGTGG
 GGAGAAAGTGTGCAACCTGGCTGGAAAGGGCCCTACTGCACAGAGCCGATCTGCCTGCC
 TGGATGTGATGAGCAGCATGGATTTTGTGACAAACCAGGGGAATGCAAGTGCAGAGTGGG
 CTGGCAGGGCCGGTACTGTGACGAGTGTATCCGCTATCCAGGCTGTCTCCATGGCACCTG
 CCAGCAGCCCTGGCAGTCAACTGCCAGGAAGGCTGGGGGGGCCTTTTCTGCAACCAGGA
 CCTGAACTACTGCACACACCATAAGCCCTGCAAGAATGGAGCCACCTGCACCAACACGGG
 CCAGGGGAGCTACACTTGTCTTTCGCCGCTGGGTACACAGGTGCCACCTGCGAGCTGGG
 GATTGACGAGTGTGACCCAGCCCTTGTAAAGACGGAGGGAGCTGCACGGATCTCGAGAA
 CAGTACTCCTGTACCTGCCACCCGGCTTCTACGGCAAAATCTGTGAATTGAGTGCCAT
 GACCTGTGCGGACGGCCCTTGTCTTAAACGGGGTTCGGTGTCTCAGACAGCCCGATGGAGG
 GTACAGTGCCTGCCCCGTTGGGCTACTCCGGCTTCAACTGTGAGAAGAAAATTGACTA
 CTGCAGCTCTTACCCTGTTCTAATGGTGCCAAGTGTGTGGACCTCGGTGATGCCTACCT
 GTGCCGCTGCCAGGCCGCTTCTCGGGGAGGCACTGTGACGACAACGTGGACGACTGCGC
 CTCCTCCCCTGCGCCAACGGGGGCACCTGCCGGGATGGCGTGAACGACTTCTCCTGCAC
 CTGCCCGCTGGCTACACAGGCAGGAAGTGCAGTCCCCCGTCCAGAGTGCAGGACGCGC
 ACCCTGCCACAATGGGGCCACCTGCCACGAGAGGGGCCACCGCTATGTGTGCGAGTGTGC
 CCGAGGCTACGGGGTCCCAACTGCCAGTTCCTGCTCCCCGAGTGCCTCCGGGGCCAGC
 GGTGGTGGACCTACTGAGAAGCTAGAGGGCCAGGGCGGGCCATCCCCTGGGTGGCCGT
 GTGCGCCGGGTATCCTTGTCTCATGCTGCTGCTGGGTGTGCGGCTGTGGTGGTCTG
 CGTCCGGCTGAGGCTGCAGAAGCACCGGCCCCAGCCGACCCCTGCCGGGGGAGACGGA
 GACCATGAACAACCTGGCCAAGTCCAGCGTGAGAAGGACATCTCAGTCAGCATCATCGG
 GGCCACGCAGATCAAGAACAACAAGAAGGGGACTTCCACGGGGACCACAGCGCCGA
 CAAGAATGGCTTCAAGGCCCGCTACCCAGCGGTGGACTATAACCTCGTGCAGGACCTCAA
 GGGTGACGACACCGCCGTGAGGGACGCGCACAGCAAGCGTGACACCAAGTGCAGCCCCA
 GGGCTCCTCAGGGGAGGAGAAGGGGACCCCGACCACTCAGGGGTGGAGAAGCATCTGA
 AAGAAAAAGGCCGGACTCGGGCTGTTCAACTTCAAAGACACCAAGTACCAGTCCGGTGA
 CGTCATATCCGAGGAGAAGGATGAGTGCCTCATAGCAACTGAGGTGTAAGTGAAGTGA
 GATGGCAAGACTCCCGTTTCTCTTAAAATAAGTAAAATTCGAAGGATATATGCCCAACG
 AATGCTGTGAAGAGGAGGGAGGCTCGTGGACTGCTGCTGAGAAAACCGAGTTCAGACCG
 AGCAGGTTCTCCTCCTGAGGTCCTCGACGCTGCCGACAGCCTGTGCGGGCCCGCCGCC
 TGCGGCACTGCCTTCCGTGACGTGCGCGTTGCACTATGGACAGTGTCTTAAAGAGAATA
 TATATTTAAATGGGTGAAGTGAATTACGCATAAGAAGCATGCACTGCCTGAGTGTATATT
 TTGGATTCTTATGAGCCAGTCTTTTCTTGAATTAGAAACACAAACTGCCTTTATTGTC
 CTTTTTGATACGAAGATGTGCTTTTTCTAGATGGAAAAGATGTGTATTATTTTTGGATT

Restriction Sites: Please inquire

ACCN: NM_005618

Insert Size: 2700 bp

OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p>
OTI Annotation:	<p>This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.</p>
Components:	<p>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).</p>
Reconstitution Method:	<ol style="list-style-type: none"> 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_005618.3 , NP_005609.3
RefSeq Size:	3366 bp
RefSeq ORF:	2172 bp
Locus ID:	28514
UniProt ID:	O00548
Cytogenetics:	6q27
Domains:	DSL, EGF_CA, EGF, EGF
Protein Families:	Adult stem cells, Cancer stem cells, ES Cell Differentiation/IPS, Stem cell relevant signaling - DSL/Notch pathway, Transmembrane
Protein Pathways:	Notch signaling pathway
Gene Summary:	<p>DLL1 is a human homolog of the Notch Delta ligand and is a member of the delta/serrate/jagged family. It plays a role in mediating cell fate decisions during hematopoiesis. It may play a role in cell-to-cell communication. [provided by RefSeq, Jul 2008]</p>