

## Product datasheet for SC125640

### DLEU2 (NM\_006021) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	DLEU2 (NM_006021) Human Untagged Clone
Tag:	Tag Free
Symbol:	DLEU2
Synonyms:	1810047A16Rik; 4932411A06Rik; 7730401J12Rik; A1197277; A1788824; Alt1; deleted in lymphocytic leukemia, 2; DLB2, LEU2, BCMSUN, MGC88287; Leu2
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_006021 edited

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GGGGAGCGCTTTCGGCGCCATTTTCGAGTGATGCCTGATCTCATCAATCTAGCGGGAGAG
ACAGGATAACCTGTCCGAGAGTATAGCGCCACTATGACTCCGCCGAAAAATTACTTTAA
AAATCGCCAAAAATTACTTGGAGCAAAGGCAGTCGGCGGAGCTTCGCCAAGCTGGCGC
AGTCGGTTTTGACCTGTAGCAGAGAACCAATTCTGGAGAACAGCCTCACTTCTTTGATTG
AATACTTACATAATGCATTGGAAACATGACATGAGATTAAGGTTTAAATAATGATAGAATGA
AGACCACAATAAAAAGAGACCTCTACTTAGCTCAGCAATCTTACCTTTCTTACCTATTTG
ATGAAGATGTCTTTTGAAGGTGTACTGCAAGGAACAAAATGTTTGTAATTTCTCCTTTT
ACCAAGGTGGATAATTACTGTACCTTCTCATGGAAAAAGTTTTATTTAAAGTGTATTTT
CTCATTGAATACTATCAAAAAGGAAAAAAAATGACCTAACTTTTGGATAGATTTGGC
TCTAGTAAGTATTTAGTTATATCACTTGCATATCTGGGAGAAGAAATAAGAGACTATCAT
CAGTACATTCCCATCTACTAAAAAATTTATTTTACACATGTCAAGGGATTACTTATAAC
TTCCATTTTATTACTAATAGCTTGAACCCTTTTAAATGAAGACCTAACTCCTCCACCAGAA
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CTTTTACGTTAAAATTACTTTGAAAGATGAAAAGTTAGTGCTGTTTTTGTCTACGTTATA
CTGAAATTAATGTTTATAATTTATATTTTGGGTTTATGTATAAATCATGGAATTTATGC
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TTTCTTATAATTGGACCTTGTGTTTTGAAGAAATGCCAACTGCTTGAAGAATCTCCTTG
TTATTTGTATTATTTGCTATAGGGTTAGATGTTGAGAAATCTGCTGACAAAAAATTTTA
AGCCAGTTTTACTAAATGTTTCTCAGTCTGATTAATTTGTTATTGGATGTATTCTGTA
TCTTTCTTTTGAATTTGTAACCTTTTATCCACTTAGCACGAATGATTTCTATTAAGAAAA
TCATTAGGAAGTGGTAGAACTTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_006021 unedited GGTCAGGATTTGTATACGACTCACTATAGGCGGCGCGCAATTCGCCATTACGGCCGGGG AGCGCTTTCGGCGCCATTTTCGAGTGATGCCTGATCTCATCAATCTAGCGGGAGAGACAG GATAACCTGTCCGAGAGTATAGCGCCACTATGACTCCGCCGAAAAATTACTTTAAAAAT CGCCAAAAATTACTTGGAGCAAAGGCGAGTCGGCGGAGCTTCGCCAAGGCTGGCGCAGTC GGTTTTGACCTGTAGCAGAGAACCAATTCTGGAGAACAGCCTCACTTCTTTGATTGAATA CTTACATAATGCATTGGAACATGACATGAGATTAAGGTGTAATAATGATAGAATGAAGAC CACAATAAAGAGACCTCTACTTAGCTCAGCAATTCTTACCTTTTACCTATTTGATGA AGATGTCTTTTGAAGGTGACTGCAAGGAACAAAATGTTTGTAAATTCTCCTTTTACCA AGGTGGATAATTACTGTACCTTCCTCATGGAAAAAGTTTTATTTAAAGTGTATTCTCA TTGAATACTATCAAAAAGGAAAAAAAATGACCTAACTTTTGAGATAGATTTGGCTCTA GTAAGTATTTAGTTATATCACTTGCATATCTGGGAGAAGAAATAAGAGACTATCATCAGT ACATCCCATCTACTAAAAAATTTATTTTACACATGTGAAGGGATTACTATAACTTCC ATTTTATTAATAAGCGTGAACCCTTTTAATGAAGACCCTACTCTNCACCAGAAATTT AAGTTTATGTGTCTACTTTGTGACTTATAAAATACATCTCAGGTATTTCCGATGTGCTT TTTTTTCTAGGCTATATGAAATGAAATATATTGGGCAATAATGTTTAAACCTTTACG GTAATTTACTTNAAGATGAAAAGTAATGCTGTTTTTGTCTACTTT
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_006021
<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_006021.1</a></u> , <u><a href="#">NP_006012.1</a></u>
<b>RefSeq Size:</b>	1750 bp
<b>RefSeq ORF:</b>	255 bp
<b>Locus ID:</b>	8847
<b>Cytogenetics:</b>	13q14.2

**Gene Summary:**

This locus represents a microRNA host gene and also produces long alternatively spliced non-coding RNAs. This genome region was observed to be deleted or epigenetically suppressed in leukemia, and was implicated as a negative regulator of cell proliferation. However, an alternative transcript produced at this locus was also found to promote progression through the cell cycle via angiotensin I converting enzyme 2 and cyclin D1. [provided by RefSeq, Dec 2017]