

## Product datasheet for **SC108040**

### SEZ6L (NM\_021115) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SEZ6L (NM_021115) Human Untagged Clone
Tag:	Tag Free
Symbol:	SEZ6L
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:** >NCBI ORF sequence for NM\_021115, the custom clone sequence may differ by one or more nucleotides

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ATGCCCGCGGCCCGCCGCCCGCGGGACTCCGCGGGATCTCGCTGTTCTCGCTCTGCTCCTGGGGA
GCCCGCGCGCAGCGCTGGAGCGAGATGCTCTTCCCGAGGGAGATGCTAGCCCTTTGGGTCTTACCTCCT
GCCCTCAGGAGCCCCGGAGAGAGGCAGTCTGGCAAAGAGCACCCCTGAAGAGAGAGTGGTAACAGCGCCC
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ACGACATCCCAGCCCTGTCAACCGTCTTCCAGAGGAGGCCGCCCAAGCACGCCTTGCCCCCAAGAA
GAAACTGCCTTCGCTCAAGCAGGTGAACTCTGCCAGGAAGCAGCTGAGGCCCAAGGCCACCTCCGCAGCC
ACTGTCCAAGGGCAGGGTCCCAGCCAGCGTCCCAGGGCCTAGATCTCTCTCCTCCACGGAGAAGC
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CAGTGACATCTTGACCATCTACGATGGCGACGAGGTATGCCCCACATCTTGGGGCAGTACCTTGGGAAC
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AAGACAGTTTTGAACATGCTTTAGAAGTAGCAGAAGCGGCAGCAGAGACGTCGCTGGAAGGGGGAAACAT
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AGATGTGCTACTATTCCAACCTCCGCCTGCCTCTGATGTACTCCACCCCTACAGCCAGATCACCGTGG
AAACCGAGTTTGACAACCCATTACGAGACAGGGGAAACAGAGAGATGAGGTTTCTATCTAA
    
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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_021115 unedited</p> <pre>TGGATTTGTATACGACTCATATAGGGCGGCCGGAATTCGCACGAGGGCGGCAGCGCTGG AGCGAGATGCTCTTCCCGAGGGAGATGCTAGCCCTTTGGGTCTTACCTCCTGCCCTCAG GAGCCCGGAGAGAGGCAGTCTTGGCAAAGAGCACCCCTGAAGAGAGAGTGGTAACAGCGC CCCCAGTTCTCACAGTCGGCGGAAGTCTGGGCGAGCTGGTCTGGATGGGACCGCAC CCTCTGCACATCAGCAGATCCCAGCCCTGTACCCTGCTTCCAGAGGAGGCCCGCCCA AGCACGCTTGGCCCCAAGAAGAAACTGCCTTCGCTCAAGCAGGTGAACCTTGCACAGGA AGCAGCTGAGGCCAAGGCCACCTCCGCAGCCACTGTCCAAGGGCAGGGTCCCAGCCAG CGTCCCAGGGCTAGATCTCTCTCTCTCCACGGAGAAGCCTGGCCACCAGGGGACC CGGACCCCATCGTGGCTCCGAGGAGGCATCAGAAGTGCCCTTTGGCTGGACCGAAAGG AGAGTGCGGTCCCTACAACACCCGACCCCTGCAAATCTCCCTTCACTTCGCAGCCCT ATGTGGCCACACACTCCCCAGAGGCCAGAACCAGGGGAGCCTGGGCTGACATGGCC AGGAGGCCCCAGGAGGACACCAGCCCATGGCCCTGATGGACAAGGTGAGAATGAGC TGACTGGGTGAGCTCAGAGGAGAGCCAGGAGACCACTACCTCCACCATTATCACCANN ACGTCATCACCACCGAGCAGGCACAGCTCTCTGCAGTGTGAGCTTCTCCATCTCGAGG GTACATTGACTCCAGCGACTACCACTGTGCCCTCACCCTTCTGGAGGCACATACA CGTGACAGTCTACTGCTATGGTTGAGCTTCAAGTGAGAGTGTGAACGTTCGATGGG AACTG</pre>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_021115 unedited</p> <pre>TATGGACCGCGGCACGCCTTCTATAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTT TTTTTTTTTTTTTCTTTTTCATCGTTTTATTACCATCATTTTTTCCAAGGGGAAAAG GACTTATTTTCTTTTTCTACCTAAAAAAGTTGGTTTGGCTTTTTATTTGGTTGGGGAT AAAAGGGAAATGAAATTTCCCCAGAAAATGCCTACCTTGGGGGGGCTGAACAACCTCAA ATAATATCTGACCTCAAATGACTCGCCTTGCTATCCAAGGACATAGGAAAATCATGCC TTCGGATTCACTCAAAGGGCTTTTTTGCCTGAGGCCCGGGCTAACCCCTAAAGCTACCA CATTTTTGCCAAATCACTACTTGTATACAACCCTCTGATTATGCAAATCCTTGGCTTC CTTCTGGGCTGTTGGGAGTCTTAAAAGCTATCACCCCTGAGGTTCTGTAGGCTCTCCAAG GGGGGAGCTTCAAAGGATCATAGTTAAAGCCATCTTTAAACCTAAGTAAAAAGGGCTT CAGGTACCAATCAAATACTTATGTTAGCTAAATAATTCTACAAAAAATTTTTTTTTTTT AGCAAAAAGCTGACCCCAAGCTAAAAAGGGTGGAGGGGGGCTTTTTTAAAGCACAGGG GGGTAGCTGACAAATCCAGCTTATATGATTTAGCTGGTATTACACACCTTACATGCTTT CTCTGAAGCTACAATCTCTGTAACGTATTTCCCACTGTTTTAAAAACAAAGAGCGCT TGTAGGAAGCCTCACCCCTTCTCGAGTTTCTAAAGAGTGTCTCTATTCAAAAATTTTTA TCCCATGGGTTTAAATTTGATCTATTAACAGACCCCTGACCTGNATGANATGCCTGCC ATTTTGCATTTTTTTTACCTTACGTTACAAAACACTCGATTTTAAAGAAATGACCCA ACTNCTTTTATAACTGTAT</pre>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_021115
<b>Insert Size:</b>	6250 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>NM_021115.1, NP_066938.1</u>
<b>RefSeq Size:</b>	6573 bp
<b>RefSeq ORF:</b>	6573 bp
<b>Locus ID:</b>	23544
<b>UniProt ID:</b>	<u>Q9BYH1</u>
<b>Cytogenetics:</b>	22q12.1
<b>Domains:</b>	CCP, CUB
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Gene Summary:</b>	<p>May contribute to specialized endoplasmic reticulum functions in neurons.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and it encodes the longest protein (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.</p>