

## Product datasheet for **SC318987**

### SEZ6L2 (NM\_001114100) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SEZ6L2 (NM_001114100) Human Untagged Clone
Tag:	Tag Free
Symbol:	SEZ6L2
Synonyms:	BSRPA; PSK-1
Vector:	<u>pCMV6 series</u>



[View online »](#)

**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_001114100, the custom clone sequence may differ by one or more nucleotides

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ATGGGGACTCCCAGGGCCAGCACCCGCCGCTCCCCAGCTGCTGTTCTAATTCTGCTG
AGCTGTCCCTGGATCCAGGGTCTGCCCCGAAGGAGGAGGAGATATTGCCAGAGCCTGGA
AGTGAGACCCCCACGGTGGCCTCTGAGGCCCTGGCTGAACTGCTTCATGGGGCCCTGCTG
AGGAGGGGGCCAGAGATGGGCTACCTGCCAGGATCTGATCGGGACCCACGCTAGCCACC
CCTCCGGCCGGCCAGACTCTCGCAGTGGCCCTCCCTGCCACGGGCCACTGAGCCGGGGACA
GGGCTCTGACAACAGCGTCACCCCTAACGGGGTCAGGGGGGACAGGCCCACTGCGCCA
GAACTGCTGACCCCGCCCCAGGAACCACAGCCCCACCCCACTGAGCCCTGCCTCCCCA
GGGCTCCCTTGGGCTGAGGGAGGAGAGGAGAGACGACGACCACCATCATCACCACG
ACAACCTGTTACCACTACGGTACCCAGCCAGCCTACCTCCTGAGCTGTGGCTTCCCTCC
CGGCCGGCCATGGGACGTGAGTGTGACGGACCTGCACCCTGGGGGACTGCCACCTTT
CACTGTGATTCGGGCTACCAGCTGCAGGGAGAGGAGACCCTCATCTGCCTCAATGGCACC
CGGCCATCCTGGAACGGTAAACCCCACTGCATGGCATCCTGTGGTGGCACCATCCAC
AATGCCACCCTGGCCGATCGTGTCCCAGAGCCTGGGGGAGCCGTAGGGCCCAACCTC
ACCTGCCGTTGGGTCAATGAAGCAGCTGAGGGGGCCGGCTGCACCTGCACCTTTGAAAGG
GTCTCGCTGGATGAGACAATGACCGGCTGATGGTGCCTCAGGGGGCAGCCCCCTATCC
CCCGTGATCTATGATTCGGACATGGACGATGTCCCGAGCGGGTCTCATCAGTGACGCC
CAGTCCCTCTACGTGGAGCTGCTGTGACAGACCTGCCAATCCCTGCTGTTAAGCCTT
CGATTTGAAGCCTTTGAGGAGGATCGTGTCTCGCCCCCTTCTGGCACATGAAATGTC
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TATGCCCTGGAGCCCCCTGGGCCCCCAATGCCATCGAATGTGTGGATCCACAGAACCC
CACTGGAACGACACAGAGCCGGCCTGCAAGCCATGTGTGGAGGGGAGCTGTGGAACCA
GCTGGCGTGGTCCCTCTCCCGACTGGCCCCAGAGCTATAGCCCCGGCCAAGACTGCGTG
TGGGGCTGCACGTCCAGGAAGAGAAGGCATCTTGTCTCAAGTTGAGATATTGAATGTG
CGGGAAGGGGACATGCTGACGCTGTTGACGGGGACGGTCCCAGCGCCGAGTCTTGCC
CAGCTGCGGGGACCTCAGCCGCGCCGCGCTTCTCTCTGCGGCCGACCTCACACTG
CAGTTTCAGGCACCGCCCGGGCCCCAAATCCAGGCCTGGGCCAGGGCTTCGTATTGCAC
TTCAAAGAGGTCCCGAGGAACGACACGTGCCCGAGCTGCCACCTCCGGAGTGGGGCTGG
AGAACGGCATCCACGGGACCTGATCCGGGGACGGTGTCTCACCTACCAGTGCAGCCT
GGCTACGAGCTGTAGGCTCCGACATTCTCACTTGCCAGTGGGACCTGTCTTGGAGCGCC
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CACCGCACCGCTCGGACGCGGCTTCCCGTTGGCTCCCACGTCCAGTACCGCTGCCTG
CCAGGGTACAGCCTCGAGGGGGCAGCCATGCTCACCTGCTACAGCCGGGACACAGGCACA
CCCAAGTGGAGCGATAGGGTCCCCAAATGCGCCTTGAAGTACGAGCCGTGCCTGAACCCG
GGGGTTCCCGAGAATGGCTACCAGACGCTGTACAAGCACCCTACCAGGCGGGGAGTCT
CTGCGCTTCTTCTGCTATGAGGGCTTTGAGCTTATCGGCGAGGTACCATCACCTGTGTG
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CTCCTGGACAACCGAAAAGTGAAGTGACCCAGACCACAGATCCATCACGGCAGCTGGAA
GGGGGAAACCTGGCCCTGGCCATCCTGCTGCCTTAGGCTTGGTATTGCTCCTCGCAAGT
GGCGTTTACATCTACTACCAAGCTTACAGGAAAGTCCCTTTTTCGGCTTCTCGGGCTCC
CACTCCTACAGCCCATCACCGTGGAGTCGACTTACAGCAACCCGCTGTATGAAGCTGGG
GATACGCGGGAGTATGAAGTTCCATC

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**Restriction Sites:** Please inquire

**ACCN:** NM\_001114100

**OTI Disclaimer:** 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>OTI Annotation:</b>	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.
<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_001114100.1</a></u> , <u><a href="#">NP_001107572.1</a></u>
<b>RefSeq Size:</b>	3227 bp
<b>RefSeq ORF:</b>	2430 bp
<b>Locus ID:</b>	26470
<b>UniProt ID:</b>	<u><a href="#">Q6UXD5</a></u>
<b>Cytogenetics:</b>	16p11.2
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Gene Summary:</b>	<p>This gene encodes a seizure-related protein that is localized on the cell surface. The gene is located in a region of chromosome 16p11.2 that is thought to contain candidate genes for autism spectrum disorders (ASD), though there is no evidence directly implicating this gene in ASD. Increased expression of this gene has been found in lung cancers, and the protein is therefore considered to be a novel prognostic marker for lung cancer. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Aug 2011]</p> <p>Transcript Variant: This variant (4) lacks two alternate exons resulting in the loss of an in-frame segment in the 5' coding region, compared to variant 5. The encoded isoform (4) is shorter than isoform 5.</p>