

Product datasheet for **SC331991**

SEZ6L2 (NM_001243332) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SEZ6L2 (NM_001243332) Human Untagged Clone
Tag:	Tag Free
Symbol:	SEZ6L2
Synonyms:	BSRPA; PSK-1
Vector:	pCMV6-Entry (PS100001)



[View online »](#)

Fully Sequenced ORF: >SC331991 representing NM_001243332.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

ATGGGGACTCCCAGGGCCAGCACCCGCCGCTCCCCAGCTGCTGTTCTAATTCTGCTGAGCTGTCCC
TGGATCCAGGGTCTGCCCTGAAGGAGGAGAGATATTGCCAGAGCTGGAAGTGAGACCCACGGTG
GCCTCTGAGGCCCTGGCTGAAGTCTTTCATGGGCCCTGCTGAGGAGGGCCAGAGATGGGCTACCTG
CCAGATCTGATCGGGACCCACGCTAGCCACCCCTCCGGCCGGCCAGACTCTCGAGTGCCTCCCTG
CCACGGGCCACTGAGCCGGGACAGGGCCCTGTACAACAGCCGTACCCCTAACGGGGTCAAGGGGGCA
GGCCCCACTGCGCCAGAAGTCTGACCCCGCCCCAGGAACCACAGCCCAACCCACCCAGCCCTGCC
TCCCCAGGGCCTCCCCTTGGGCTGAGGGAGGAGAGGAGAGACGACGACCACCATCATACCACGACA
ACTGTTACCACTACGGTGACCAGCCAGTCTGTGTAATAACAACATCTCCGAGGGCGAAGGGTATGTG
GAGTCTCCAGATCTGGGAGCCCGTCAAGCCGACCCCTGGGGCTCTGGACTGCATTACAGCATCCAT
GTCTACCTCGGCTACGGCATTGAGATCCAGGTGCAGACGCTGAACCTGTCACAGGAAGAGGAGCTCTG
GTGCTGGCTGGTGGGGATCCCCAGGCCGGCCCCCGACTCCTGGCCAACATCCATGCTTGGAGAA
GGACAAGTCTTCGGAGCCCAACCAACCGGCTGCTTCTGCACTTCCAGAGCCACGGGTCCCAAGGGGC
GGTGGCTTCAGGATCCACTATCAGGCCTACCTCCTGAGCTGTGGCTTCCCTCCCCGGCCGGCCATGGG
GACGTGAGTGTGACGGACCTGCACCCTGGGGGCACTGCCACCTTCACTGTGATTCGGGCTACCAGCTG
CAGGGAGAGGAGACCCTCATCTGCCTCAATGGCACCCGGCCATCCTGGAACGGTGAACCCCCAGCTGC
ATGGCATCCTGTGGTGGCACCATCCACAATGCCACCCTGGGCCGATCGTGTCCCAGAGCTGGGGGA
GCCGTAGGGCCCAACCTCACCTGCCGTTGGGTCAATGAAGCAGCTGAGGGGGCCGGCTGCACCTGCAC
TTTGAAGGGTCTCGCTGGATGAGGACAATGACCGGCTGATGGTGCCTCAGGGGGCAGCCCCATCC
CCCGTATCTATGATTCGACATGGACGATGCCCCGAGCGGGTCTCATCAGTGACGCCAGTCCCTC
TACGTGGAGCTGCTGTCAGAGACACTGCCAATCCCCTGCTGTTAAGCCTTCGATTTGAGCCTTTGAG
GAGGATCGCTGCTTCGCCCTTCTCGGCACATGGAAATGTCACCTACCAGGACCCTGAGTATCGCCCA
GGGGCACTGGCAACCTTCTCGTGCCTCCAGGATATGCCCTGGAGCCCTGGGGCCCCAATGCCATC
GAATGTGTGGATCCCACAGAACCCACTGGAACGACACAGAGCCGGCTGCAAAGCCATGTGTGGAGGG
GAGCTGTCCGAACCAGCTGGCGTGGTCTCTCTCCGACTGGCCCCAGAGCTATAGCCGGGCCAAGAC
TGCGTGTGGGGCTGCACGTCCAGGAAGAGAAGCGCATCTTGCTCCAAGTTGAGATATTGAATGTGCGG
GAAGGGGACATGCTGACGCTGTTGACGGGGACGGTCCCAGCGCCGAGTCTTGGCCAGCTGCGGGGA
CCTCAGCCGCGCCGCGCTTCTCTCTGGGCCGACCTCACACTGCAGTTTCAGGCACCGCCCGGG
CCCCAAATCCAGGCTGGGCCAGGGCTTCGATTTGCACTTCAAAGAGGTCCTGAGGAACGACAGCTGC
CCCGAGCTGCCACCTCCGGAGTGGGGCTGGAGAACGGCATCCACGGGGACCTGATCCGGGGCACGGTG
CTCACCTACCAGTGCAGCCTGGCTACGAGCTGCTAGGCTCCGACATTCTCACTTGCCAGTGGGACCTG
TCTTGGAGCGCCGCGCCCGCCCTGCCAAAAGATCATGACTTGTGCTGACCCTGGCGAGATTGCCAAC
GGGCACCGCACCGCTCGGACGCGGGCTTCCCCGTTGGCTCCCACGTCCAGTACCCTGCTGCCAGGG
TACAGCCTCGAGGGGGCAGCCATGCTCACCTGCTACAGCCGGGACACAGGCACACCCAAGTGGAGCGAT
AGGGTCCCCAAATGCGCCTTGAAGTACGAGCCGTGCCTGAACCCGGGGTTCCCGAGAATGGCTACCAG
ACGCTGTACAAGCACCCTACCAGGCGGGCGAGTCTCTGCGCTTCTTCTGCTATGAGGGCTTTGAGCTT
ATCGGCGAGGTACCATCACCTGTGTGCCCGGCCACCCCTCCAGTGGACCAGCCAGCCCACTCTGC
AAAGTTGCCTATGAGGAGCTCCTGGACAACCGAAACTGGAAGTGACCCAGACCACAGATCATACGG
CAGCTGGAAGGGGGAACTGGCCCTGGCCATCCTGCTGCCTCTAGGCTTGGTATTGCTCTCGGCAGT
GGCGTTTACATCTACTACCAAGCTTCCAGGAAAGTCCCTTTTCGGCTTCTCGGGCTCCCACTCCTAC
AGCCCCATCACCGTGGAGTCGGACTTCAGCAACCCGCTGTATGAAGCTGGGGATACGCGGGAGTATGAA
GTTTCCATCTGA
  
```

Restriction Sites: SgfI-MluI
ACCN: NM_001243332
Insert Size: 2772 bp

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).
Components:	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).
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_001243332.1
RefSeq Size:	3574 bp
RefSeq ORF:	2772 bp
Locus ID:	26470
UniProt ID:	Q6UXD5
Cytogenetics:	16p11.2
Protein Families:	Druggable Genome, Transmembrane
MW:	99.1 kDa
Gene Summary:	<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 (5) represents the longest transcript and encodes the longest isoform (5).</p>