

## Product datasheet for **SC337605**

### SEZ6 (NM\_001290202) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SEZ6 (NM_001290202) Human Untagged Clone
Tag:	Tag Free
Symbol:	SEZ6
Synonyms:	BSRPC
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_001290202, the custom clone sequence may differ by one or more nucleotides

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ATGGCTGCGGTACCCACTCAGCCCCAGTCCAAGGAGGGACCCTGGAGTCCGGAGTCAGAGTCCCCTATGC
TTCGAATCACAGTCCCCCTACCTCCAGGGCCAGCATGGCAGTGCCACCCTAGGCCAGGGGAGATAGC
CAGCACTACACCCCCAGCAGAGCCTGGACACCAACCAAGAGGGTCTGGAGACATGGGAAGCCGTGG
GTTGCAGAGGTTGTGCCAGGGCGCAGGGATCGGGATCCAGGGGACCATCACCTCTCCACAGCTTCAG
GAGATGATGAGGAGACCACCACTACCACCACCATCATCACCACCACCATCACCACAGTCCAGACACCAGG
CCCTTGTAGTGGAAATTTCTCAGGCCAGAGGGCTCTCTGGACTCCCCTACAGACCTCAGTCCCCCACT
GATGTTGGCCTGGACTGCTTCTTCTACATCTCTGTCTACCCTGGCTATGGCGTGGAAATCAAGTCCAGA
ATATCAGCCTCCGGGAAGGGGAGACAGTACTGTGGAAGGCTGGGGGGGCTGACCCACTGCCCTGGC
CAACCAGTCTTCTGCTGCGGGGCCAAGTCATCCGACGCCCCACCAAGCGGCCCTGAGGTTCCAG
AGCCTCCCGCCACCGGTGGCCCTGGCACCTTCCATTTCCATTACCAAGCCTATCTCTGAGCTGCCACT
TTCCCCGTGTCAGCTTATGGAGATGTACTGTACCAGCCTCCACCCAGGGGGTGTAGTCCCGCTTCCA
TTGTGCCACTGGCTACCAGCTGAAGGGGCCAGGCATCTCACCTGTCTCAATGCCACCCAGCCCTTCTGG
GATTCAAAGGAGCCCGTCTGCATCGCTGCTTGGCGGGAGTGATCCGCAATGCCACCACCGCCGATCG
TCTCTCCAGGCTTCCCGGCAACTACAGCAACAACCTCACCTGTCACTGGCTGCTTGAGGCTCCTGAGGG
CCAGCGGCTACACTGCCTTTGAGAAGGTTTCCCTGGCAGAGGATGATGACAGGCTCATCATTGCAAT
GGGGACAACGTGGAGGCCCCACCAAGTGTATGATTCCTATGAGGTGGAATACCTGCCCATTTAGGGCTGC
TCAGCTCTGGCAAACACTTCTTTGTTGAGCTCAGTACTGACAGCAGCGGGGCAGCTGCAGGCATGGCCCT
GCGCTATGAGGCCCTTCCAGCAGGGCCATTGCTATGAGCCCTTTGTCAAATACGGTAACTTCAGCAGCAGC
ACACCCACTACCCTGTGGGTACCCTGTGGAGTTCAGTGCACCCCTGGCTACACCTGGAGCAGGGCT
CCATCATCATCGAGTGTGTTGACCCCCAGACCCCAAGTGAATGAGACAGAGCCAGCCTGCCGAGCCGT
GTGCAGCGGGGAGATCACAGACTCGGCTGGCGTGGTACTCTCTCCAAGTGGCCAGAGCCCTACGGTCTG
GGCAGGATTGTATCTGGGGTGTGCATGTGGAAGAGGACAAGCGCATCATGCTGGACATCCGAGTCTGC
GCATAGGCCCTGGTGTGCTTACCTTCTATGATGGGGATGACCTGACGGCCCGGGTCTGGGCCAGTA
CTCAGGGCCCGTAGCCACTTCAAGCTCTTACCTCCATGGTGTGTCACCATTCAGTTCAGTCCAGTCCGAC
CCCGGGACCTCAGTGTGGGCTACCAGCAGGGCTTCGTATCCACTTCTTTGAGGTGCCCGCAATGACA
CATGTCCGGAGTGCCTGAGATCCCAATGGCTGGAAGAGCCCATCGCAGCCTGAGCTAGTGCACGGCAC
CGTGGTCACTTACCAGTGTACCCTGGCTACCAGTAGTGGGATCCAGTGTCTCATGTGCCAGTGGGAC
CTAAGTGGAGTGAAGACCTGCCCTCATGCCAGAGGGTACTTCTGCCAGATCCTGGAGATGTGGAGC
ACAGCCGACGCCTCATATCCAGCCCAAGTTTCCCGTGGGGGCCACCGTGAATATATCTGTGACCAGGG
TTTTGTGCTGATGGGCAGCTCCATCCTCACCTGCCATGATCGCCAGGCTGGCAGCCCAAGTGGAGTGC
CGGGCCCCATAATGTCTCCTGGAACAGCTCAAGCCATGCCATGGTCTCAGTGCCTGAGAATGGTGCC
GAAGTCTGAGAAGCAGCTACACCCAGCAGGGGCCACCATCCACTTCTCGTGTGCCCTGGCTATGTGCT
GAAGGGCCAGGCCAGCATCAAGTGTGTGCTGGCACCCTCGCATTGGAGTGACCCCCACCCATCTGT
AGGGCTGCCTCTCTGGATGGGTTCTACAACAGTCGCAGCCTGGATGTTGCCAAGGCACCTGCTGCCTCA
GCACCCGGATGCTGCCACATTGCAGCTGCCATCTTCTTCCACTGGTGGCGATGGTGTGTTGGTAGG
AGGTGTATACTTCTACTTCTCCAGGCTCCAGGAAAAAGCTCCCTGCAGCTGCCCGCCCGCCCGCCG
CCCTACAACCGCATTACCATAGAGTTCAGCGTTTACAATCCAAGTACGAGACTGGATCTTTCTTTG
CAGGAGACGAGAGAATA TGA
    
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**Restriction Sites:** Sgfl-MluI

**ACCN:** NM\_001290202

**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>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_001290202.1, NP_001277131.1</u>
<b>RefSeq Size:</b>	4075 bp
<b>RefSeq ORF:</b>	2610 bp
<b>Locus ID:</b>	124925
<b>UniProt ID:</b>	<u>Q53EL9</u>
<b>Cytogenetics:</b>	17q11.2
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Gene Summary:</b>	<p>The protein encoded by this gene is thought to contain five cysteine-rich motifs that are similar to sushi domains, as well as two domains similar to the amino terminal half of the CUB (for complement C1r/C1s, Uegf, Bmp1) domain. Mutations in this gene have been associated with febrile seizures. [provided by RefSeq, Jul 2016]</p> <p>Transcript Variant: This variant (3) has an alternate exon in place of the first exon and initiates translation at a downstream start codon compared to variant 1, The resulting isoform (3) is shorter at the N-terminus compared to isoform 1.</p>