

Product datasheet for **SC316435**

SEZ6 (NM_001098635) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SEZ6 (NM_001098635) Human Untagged Clone
Tag:	Tag Free
Symbol:	SEZ6
Synonyms:	BSRPC
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001098635, the custom clone sequence may differ by one or more nucleotides

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ATGCGCCCGGTAGCCCTGCTGCTCCTGCCCTCGCTGCTGGCGCTCCTGGCTCACGGACTC
TCTTTAGAGGCCCAACCGTGGGAAAGGACAAGCCCCAGGCATCGAGGAGACAGATGGC
GAGCTGACAGCAGCCCCACACCTGAGCAGCCAGAACGAGGCGTCCACTTTGTCACAACA
GCCCCACCTTGAAGCTGCTCAACCACCACCCGCTGCTTGAGGAATTCCTACAAGAGGGG
CTGAAAAGGGAGATGAGGAGCTGAGGCCAGCACTGCCCTTCCAGCTGACCCACCTGCA
CCCTTACCCCAAGTCCCCTTCCCCGCTGGCCAACCAGGACAGCCGCCCTGTCTTTACC
AGCCCCACTCCAGCCATGGCTGCGGTACCCACTCAGCCCCAGTCAAGGAGGGACCTGG
AGTCCGGAGTCAGAGTCCCCTATGCTTCGAATCACAGCTCCCCTACCTCCAGGGCCAGC
ATGGCAGTGCCCAACCTAGGCCAGGGGAGATAGCCAGCACTACACCCCCAGCAGAGCC
TGGACACCAACCAAGAGGGTCCCTGGAGACATGGGAAGGCCGTGGGTTGCAGAGGTTGTG
TCCCAGGGCGCAGGGATCGGGATCCAGGGGACCATCACCTCCTCCACAGCTTCAGGAGAT
GATGAGGAGACCACCACTACCACCACCATCATCACCCACCATCACACAGTCCAGACA
CCAGGCCCTTGTAGCTGGAATTTCTCAGGCCAGAGGGCTCTCTGGACTCCCCTACAGAC
CTCAGTCCCCCACTGATGTTGGCCTGGACTGCTTCTTCTACATCTGTCTACCCTGGC
TATGGCGTGGAAATCAAGGTCCAGAATATCAGCCTCCGGGAAGGGGAGACAGTACTGTG
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GCTGGCCCTGGCACCTTCCATTTCCATTACCAAGCCTATCTCCTGAGTGCCACTTTCCC
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GCCCCACCAAGTGTATGATTCCTATGAGGTGGAATACCTGCCCATGAGGGCTGCTCAGC
TCTGGCAAACACTTCTTTGTTGAGCTCAGTACTGACAGCAGCGGGGACAGTGCAGGCATG
GCCCTGCGCTATGAGGCTTCCAGCAGGGCCATTGCTATGAGCCCTTTGTCAAATACGGT
AACTTCAGCAGCAGCACCCACCTACCCTGTGGGTACCAGTGTGGAGTTCAGCTGCGAC
CCTGGCTACACCTGGAGCAGGGCTCCATCATCATCGAGTGTGTTGACCCCCACGACCC

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CAGTGG AATGAGACAGAGCCAGCCTGCCGAGCCGTGTGCAGCGGGGAGATCACAGACTCG
GCTGGCGTGGTACTCTCTCCAACTGGCCAGAGCCCTACGGTCGTGGGCAGGATTGTATC
TGGGGTGTGCATGTGGAAGAGGACAAGCGCATCATGCTGGACATCCGAGTGCTGCGCATA
GGCCCTGGTGTATGTGCTTACCTTCTATGATGGGGATGACCTGACGGCCCGGGTTCTGGGC
CAGTACTCAGGGCCCCGTAGCCACTTCAAGCTCTTTACCTCCATGGCTGATGTACCATT
CAGTTCAGTCGGACCCCGGGACCTCAGTGTGGGCTACCAGCAGGGCTTCGTCATCCAC
TTCTTTGAGGTGCCCCGCAATGACACATGTCCGGAGCTGCCTGAGATCCCCAATGGCTGG
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GACCTGCCCTCATGCCAGAGGGTGACTTCTGCCACGATCCTGGAGATGTGGAGCACAGC
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CCCAAGTGGAGTGACCGGGCCCCTAAATGTCTCCTGGAACAGCTCAAGCCATGCCATGGT
CTCAGTCCCCTGAGAATGGTGCCCGAAGTCTGAGAAGCAGCTACACCCAGCAGGGGCC
ACCATCCACTTCTCGTGTCCCCGGCTATGTGCTGAAGGGCCAGGCCAGCATCAAGTGT
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CTGGATGCTGCCACATTGCAGCTGCCATCTTCTTGCCACTGGTGGCGATGGTGTGTTG
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CGCCCCCGCCCCGCCCTACAACCGCATTACCATAGAGTCAGCGTTTGACAATCCAAC
TACGAGACTGGAGAGACGAGAGAATATGAAGTCTCCATC

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Restriction Sites:

Please inquire

ACCN:

NM_001098635

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).

OTI Annotation:

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.

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:

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_001098635.1](#), [NP_001092105.1](#)

RefSeq Size:

4234 bp

RefSeq ORF:

2982 bp

Locus ID:

124925

UniProt ID: [Q53EL9](#)

Cytogenetics: 17q11.2

Protein Families: Druggable Genome, Transmembrane

Gene Summary: 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]
Transcript Variant: This variant (2) uses an alternate splice junction at the 5' end of the last exon compared to variant 1, that causes a frameshift. The resulting isoform (2) has a shorter and distinct C-terminus compared to isoform 1.