

Product datasheet for **SC315050**

SEZ6 (NM_178860) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SEZ6 (NM_178860) Human Untagged Clone
Tag:	Tag Free
Symbol:	SEZ6
Synonyms:	BSRPC
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene ORF sequence for NM_178860 edited
ATGCGCCCGGTAGCCCTGCTGCTCCTGCCCTCGCTGCTGGCGCTCCTGGCTCACGGACTC
TCTTTAGAGGCCCAACCGTGGGAAAGGACAAGCCCCAGGCATCGAGGAGACAGATGGC
GAGCTGACAGCAGCCCCACACCTGAGCAGCCAGAACGAGGCGTCCACTTTGTCACAACA
GCCCCACCTTGAAGTGTCTCAACCACCACCCGCTGCTTGAGGAATTCCTACAAGAGGGG
CTGGAAAAGGGAGATGAGGAGCTGAGGCCAGACTGCCCTTCCAGCCTGACCCACCTGCA
CCCTTACCCCAAGTCCCCTTCCCGCCTGGCCAACCAGGACAGCCGCCCTGTCTTTACC
AGCCCCACTCCAGCCATGGCTGCGGTACCCACTAGCCCCAGTCCAAGGAGGGACCCTGG
AGTCCGGAGTCAGAGTCCCCTATGCTTCGAATCACAGCTCCCCTACCTCCAGGGCCAGC
ATGGCAGTGCCCAACCTAGGCCAGGGGAGATAGCCAGCACTACACCCCCAGCAGAGCC
TGGACACCAACCAAGAGGGTCTGGAGACATGGGAAGGCGTGGGTTGCAGAGTTGTG
TCCCAGGGCGCAGGGATCGGGATCCAGGGGACCATCACCTCCTCCACAGCTTCAGGAGAT
GATGAGGAGACCACCACTACCACCACCATCATCACCACCACCATCACCACAGTCCAGACA
CCAGGCCCTTGTAGCTGGAATTTCTCAGGCCAGAGGGCTCTCTGGACTCCCCTACAGAC
CTCAGCTCCCCACTGATGTTGGCTGGACTGCTTCTTCTACATCTCTGTCTACCCTGGC
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AAGTTTTCCCTGGCAGAGGATGATGACAGGCTCATCATTGCAATGGGGACAACGTGGAG
GCCCCACCAAGTGTATGATTCTATGAGGTGGAATACCTGCCATTGAGGGCCTGCTCAGC
TCTGGCAAACACTTCTTTGTTGAGCTCAGTACTGACAGCAGCGGGGACGCTGCAGGCATG
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CCTGGCTACACCCTGGAGCAGGGCTCCATCATCATCGAGTGTGTTGACCCCCACGACCCC
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TGGGGTGTGCATGTGGAAGAGGACAAGGCATCATGCTGGACATCCGAGTGTGCGCATA
GGCCCTGGTGATGTGCTTACCTTCTATGATGGGGATGACCTGACGGCCCGGGTTCTGGGC
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CAGTTCAGTCCGACCCCGGACCTCAGTGTGGGCTACCAGCAGGGCTTCGTCATCCAC
TTCTTTGAGGTGCCCCGAATGACACATGTCCGGAGCTGCCTGAGATCCCCAATGGCTGG
AAGAGCCCATCGCAGCCTGAGCTAGTGCACGGCACCGTGGTCACTTACCAGTGTACCCT
GGCTACCAGGTAGTGGGATCCAGTGTCCATGTGCCAGTGGGACCTAACTTGGAGTGAG
GACCTGCCCTCATGCCAGAGGGTGAATTCCTGCCACGATCCTGGAGATGTGGAGCACAGC
CGACGCCTCATATCCAGCCCCAAGTTTCCCGTGGGGGCCACCGTCAATATATCTGTGAC
CAGGGTTTTGTGCTGATGGGAGCTCCATCCTCACCTGCCATGATCGCCAGGCTGGCAGC
CCCAAGTGGAGTGACCGGGCCCCATAAATGTCTCCTGGAACAGCTCAAGCCATGCCATGGT
CTCAGTGGCCCTGAGAATGGTGGCCGAAGTCTGAGAAGCAGCTACACCCAGCAGGGGCC
ACCATCCACTTCTCGTGTCCCCGGCTATGTGCTGAAGGGCCAGGCCAGCATCAAGTGT
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GATGGGTTCTACAACAGTCGCAGCCTGGATGTTGCCAAGGCACCTGCTGCCTCCAGCACC
CTGGATGCTGCCACATTGCAGCTGCCATCTTCTTGCCACTGGTGGCGATGGTGTGTTG
GTAGGAGGTGATACTTCTACTTCTCCAGGCTCCAGGGAAAAAGTCCCTGCAGCTGCC
CGCCCCGCCCCCGCCCTACAACCGCATTACCATAGAGTCAGCGTTTGACAATCCAAC
TACGAGACTGGATCTCTTCTTTCCTTTCAGGAGACGAGAGAATATGA
    
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Restriction Sites:	Please inquire
ACCN:	NM_178860
Insert Size:	4200 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).
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:	<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:	<u>NM_178860.2</u> , <u>NP_849191.1</u>
RefSeq Size:	4306 bp
RefSeq ORF:	2991 bp
Locus ID:	124925
UniProt ID:	<u>Q53EL9</u>
Cytogenetics:	17q11.2
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	<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 (1) represents the longest transcript and encodes the longest isoform (1).</p>