

Product datasheet for **SC329228**

SEZ6L (NM_001184777) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SEZ6L (NM_001184777) Human Untagged Clone
Tag:	Tag Free
Symbol:	SEZ6L
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001184777, the custom clone sequence may differ by one or more nucleotides

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ATGCCCGCGGCCCGGCCCGCCGCGGGACTCCGCGGGATCTCGCTGTTCTCGCTCTG
CTCCTGGGGAGCCCGGCCGAGCGCTGGAGCGAGATGCTCTTCCCGAGGGAGATGCTAGC
CCTTTGGGTCCTACCTCCTGCCCTCAGGAGCCCCGGAGAGAGGCAGTCTGGCAAAGAG
CACCTGAAGAGAGAGTGGTAACAGCGCCCCCAGTTCTCACAGTCGGCGGAAGTGCTG
GGCGAGCTGGTGTGGATGGGACCGCACCTCTGCACATCACGACATCCCAGCCCTGTCA
CCGCTGCTTCCAGAGGAGGCCCGCCCAAGCACGCTTGCCCCCAAGAAGAAACTGCCT
TCGCTCAAGCAGGTGAACTCTGCCAGGAAGCAGCTGAGGCCCAAGGCCACCTCCGCAACC
ACTGTCCAAAGGGCAGGGTCCCAGCCAGCGTCCCAGGGCCTAGATCTCCTCTCCTCTCC
ACGGAGAAGCCTGGCCACCGGGGACCCGGACCCCATCGTGGCCTCCGAGGAGGCATCA
GAAGTGCCCTTTGGCTGGACCGAAAGGAGAGTGGGTCCCTACAACACCCGACCCCTG
CAAATCTCCCCCTTCACTTCGACGCCCTATGTGGCCACACACTCCCCAGAGGCCAGAA
CCCGGGGAGCCTGGCCCTGACATGGCCAGGAGCCCCCAGGAGACACCAGCCCCATG
GCCCTGATGGACAAAGGTGAGAATGAGCTGACTGGGTGAGCCTCAGAGGAGAGCCAGGAG
ACCACTACCTCCACCATTATCACCACCAGGTCATCACCACCGAGCAGGCCACAGCTCTC
TGCACTGTGAGCTTCTCAATCCTGAGGGGTACATTGACTCCAGCGACTACCCACTGCTG
CCCCTCAACAACCTTTCTGGAGTGACATACAACGTGACAGTCTACACTGGCTATGGGGTG
GAGCTCCAGGTGAAGAGTGTGAACCTGTCCGATGGGGAAGTGTCTCCATCCGCGGGGTG
GACGGCCCTACCTGACCGTCTGGCAACCCAGACACTCCTGGTGGAGGGGCAGGTAATC
CGAAGCCCCACCAACACCATCTCCGTCTACTTCCGGACCTTCCAGGACGACGGCCTTGGG
ACCTTCCAGCTTCACTACCAGGCCTTATGCTGAGCTGCAACTTCCCGCCGGCCTGAC
TCTGGGGATGTACGGTGTGGACTGCACTCAGGTGGGGTGGCCCACTTTCACAGCCAC
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CATGACAAGGACAGGATGACGGTTCACAGCGGGCAGACCAACAAGTCAGCTCTTCTCTAC
GACTCCCTTCAAACCGAGAGTGTCCCTTTGAGGGCTGCTGAGCGAAGGCAACACCATC
CGCATCGAGTTCAGTCCGACCAGGCCCGGGCGGCTCCACCTTCAACATCCGATTTGAA
GCGTTTGAAAAGGCCACTGCTATGAGCCCTACATCCAGAATGGGAACCTCACTACATCC
GACCCGACCTATAACATTGGGACTATAGTGGAGTTCACCTGCGACCCCGGCCACTCCCTG
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AGTGGCCCCCAGAACTGTACTCCTCCAGCCAGACTTAACCATCCAGTTCATTTCGGAC
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ATTTACATCACAAGATGTCGCTACTATTCCAACCTCCGCCTGCTGATGTAATCCAC
CCCTACAGCCAGATCACCGTGGAAACCGAGTTTGACAACCCATTACGAGACAGGGGAA
ACCAGAGAGTATGAGGTTTCTATCTAA
    
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Restriction Sites: Please inquire

ACCN:	NM_001184777
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_001184777.1</u> , <u>NP_001171706.1</u>
RefSeq Size:	6345 bp
RefSeq ORF:	2847 bp
Locus ID:	23544
UniProt ID:	<u>Q9BYH1</u>
Cytogenetics:	22q12.1
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	<p>May contribute to specialized endoplasmic reticulum functions in neurons.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (6) lacks two alternate, in-frame segments in the coding region, compared to variant 1. The resulting protein (isoform 6) is shorter when it is compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>