

Product datasheet for **SC329256**

SEZ6L (NM_001184775) Human Untagged Clone

Product data:

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|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | SEZ6L (NM_001184775) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | SEZ6L |
| Mammalian Cell Selection: | None |
| Vector: | <u>pCMV6-XL5</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| Fully Sequenced ORF: | >NCBI ORF sequence for NM_001184775, the custom clone sequence may differ by one or more nucleotides |

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ATGCCCGCGGCCCGGCCCGGCCCGCGGGACTCCGCGGGATCTCGCTGTTCTCGCTCTG
CTCCTGGGGAGCCCGGCCGCGCAGCGCTGGAGCGAGATGCTTTCCCGAGGGAGATGCTAGC
CCTTTGGGTCTTACCTCCTGCCCTCAGGAGCCCCGAGAGAGGAGGAGTCTGGCAAAGAG
CACCTGAAGAGAGAGTGGTAACAGCGCCCCCAGTTCCTCACAGTCGGCGGAAGTGCTG
GGCGAGCTGGTGTGGATGGGACCGCACCTCTGCACATCACGACATCCCAGCCCTGTCA
CCGCTGCTTCCAGAGGAGGCCCGCCCCAAGCACGCCTTGCCCCCAAGAAGAAATGCCT
TCGCTCAAGCAGGTGAACTCTGCCAGGAAGCAGCTGAGGCCCAAGGCCACCTCCGAGCC
ACTGTCCAAAGGCGAGGGTCCCAGCCAGCGTCCCAGGGCCTAGATCTCCTCTCCTCTCC
ACGGAGAAGCCTGGCCCACCGGGGACCCGACCCCATCGTGGCCTCCGAGGAGGCATCA
GAAGTGCCCTTTGGCTGGACCGAAAGGAGAGTGCGGTCCCTACAACACCCGACCCCTG
CAAATCTCCCCCTTCACTTCGCAGCCCTATGTGGCCACACACTCCCCAGAGGCCAGAA
CCCGGGGAGCCTGGCCTGACATGGCCCAGGAGGCCCCCCAGGAGGACACCAGCCCCATG
GCCCTGATGGACAAAGGTGAGAAAGAGCTGACTGGGTGAGCCTCAGAGGAGAGCCAGGAG
ACCACTACCTCCACATTATCACCACCAGGTATCACCACCGAGCAGGCACCAGCTCTC
TGCAGTGTGAGCTTCTCCAATCCTGAGGGGTACATTGACTCCAGCGACTACCACTGCTG
CCCCTCAACAACCTTCTGGAGTGACATACAACGTGACAGTCTACTGGCTATGGGGTG
GAGCTCCAGGTGAAGAGTGTGAACCTGTCCGATGGGGAAGTCTCTCCATCCGCGGGGTG
GACGGCCCTACCTGACCGTCTGGCCAACCAGACACTCCTGGTGGAGGGGAGGTAAATC
CGAAGCCCCACCAACACCATCTCCGTCTACTTCCGGACCTTCCAGGACGACGGCCTTGGG
ACCTTCCAGCTTCACTACCAGGCCTTCATGCTGAGCTGCAACTTTCCCGCCGGCCTGAC
TCTGGGGATGTCACGGTATGGACCTGCACTCAGGTGGGGTGGCCCACTTCACTGCCAC
CTGGGCTATGAGCTCCAGGGCGCTAAGATGCTGACATGCATCAATGCCTCCAAGCCGCAC
TGGAGCAGCCAGGAGCCCATCTGCTCAGCTCCTTGTGGAGGGGAGTGCACAATGCCACC
ATCGGCCGCGTCTCTCCCAAGTTACCCTGAAAACACAAATGGGAGCCAATTCTGCATC
TGGACGATTGAAGCTCCAGAGGGCCAGAAGCTGCACCTGCACCTTGGAGGGCTGTTGCTG
CATGACAAGGACAGGATGACGGTTCACAGCGGGCAGACCAACAAGTCAAGTCTTCTCTAC
GACTCCCTTCAAACCGAGAGTGTCCCTTTTGGGGCTGCTGAGCGAAGGCAACACCATC

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CGCATCGAGTTCACGTCCGACCAGGCCCGGGCGGCCTCCACCTTCAACATCCGATTTGAA
GCGTTTGAGAAAGGCCACTGCTATGAGCCCTACATCCAGAATGGGAACCTCACTACATCC
GACCCGACCTATAACATTGGGACTATAGTGGAGTTCACCTGCGACCCCGGCCACTCCCTG
GAGCAGGGCCCGGCCATCATCGAATGCATCAATGTGCGGGACCCATACTGGAATGACACA
GAGCCCTGTGCAGAGCCATGTGTGGTGGGAGCTCTCTGCTGTGGCTGGGTGGTATTG
TCCCCAAACTGGCCCGAGCCCTACGTGGAAGGTGAAGATTGTATCTGGAAGATCCACGTG
GGAGAAGAGAAACGGATCTTCTTAGATATCCAGTTCCTGAATCTGAGCAACAGTGACATC
TTGACCATCTACGATGGCGACGAGGTGATGCCCCACATCTTGGGCAGTACCTTGGGAAC
AGTGGCCCCCAGAACTGTACTCTCCACGCCAGACTTAACCATCCAGTTCATTTCGGAC
CCTGCTGGCCTCATCTTTGAAAAGGGCCAGGGATTTATCATGAACTACATAGAGGTATCA
AGGAATGACTCCTGCTCGGATTTACCCGAGATCCAGAATGGTGGAAAACCACTTCTCAC
ACGGAGTTGGTGCGGGGAGCCAGAATCACCTACCAGTGTGACCCCGGCTATGACATCGTG
GGGAGTGACACCCTCACCTGCCAGTGGGACCTCAGCTGGAGCAGCGACCCCCATTTTGT
GAGAAAATTATGTACTGCACCGACCCCGAGAGGTGGATCACTCGACCCGCTTAATTTGCG
GATCCTGTGCTGTGGTGGGGACCACCATCCAATACACCTGCAACCCCGTTTTGTGCTT
GAAGGGAGTTCTTCTGACCTGCTACAGCCGTGAAACAGGGACTCCCATCTGGACGTCT
CGCCTGCCCACTGCGTTTTCGGAGGAGTCCCTGGCATGTGACAACCCAGGGCTGCCTGAA
AATGGATACAAAATCCTGTACAAGCGACTCTACCTGCCAGGAGAGTCCCTCACCTTCATG
TGCTACGAAGGCTTTGAGCTCATGGGTGAAGTGACCATCCGCTGCATCCTGGGACAGCCA
TCCCACTGGAACGGGCCCTGCCCGTGTGTAAGAAGCGGCAGCAGAGACGTGCTGGAA
GGGGGAAACATGGCCCTGGCTATCTTATCCCGGTCTCATCATCTCCTTACTGCTGGGA
GGAGCCTACATTTACATCACAAGATGTCGCTACTATTCCAACCTCCGCCTGCCTGTATG
TACTCCACCCCTACAGCCAGATCACCGTGGAACCGAGTTTGACAACCCCATTTACGAG
ACAGGGGAAACCAGAGAGTATGAGGTTTCTATCTAA
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- Restriction Sites:** Please inquire
- ACCN:** NM_001184775
- 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_001184775.1](#), [NP_001171704.1](#)
- RefSeq Size:** 6534 bp

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|-------------------|--|
| RefSeq ORF: | 3036 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 (4) lacks an alternate, in-frame segment and uses a different splice site in the 3' coding region, compared to variant 1. The resulting protein (isoform 4) 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> |