

Product datasheet for **SC329230**

SEZ6L (NM_001184776) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SEZ6L (NM_001184776) Human Untagged Clone
Tag:	Tag Free
Symbol:	SEZ6L
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

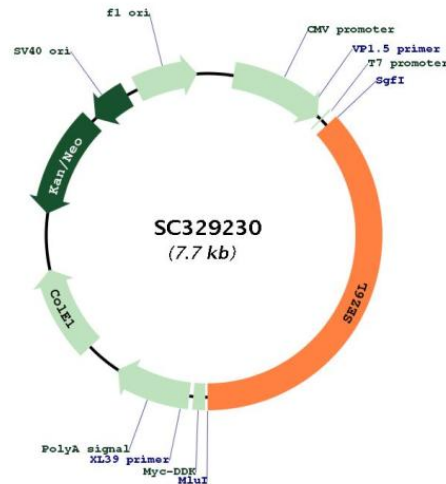


[View online »](#)

Fully Sequenced ORF: >SC329230 representing NM_001184776.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGCCCCGGCCCGCCCGCCCGCCCGGGACTCCGCGGGATCTCGCTGTTCTCGCTCTGCTCCTGGGG
AGCCCCGGCGCAGCGCTGGAGCGAGATGCTCTTCCGAGGGAGATGCTAGCCCTTTGGTCTTACCTC
CTGCCCTCAGGAGCCCCGGAGAGAGGCAGTCTGGCAAAGAGCACCCCTGAAGAGAGAGTGTTAACAGCG
CCCCCAGTTCTCACAGTCGGCGGAAGTCTGGGCGAGCTGGTCTGGATGGGACCGCACCCCTCTGCA
CATCACGACATCCCAGCCCTGTCAACGCTGCTTCCAGAGGAGGCCCGCCCCAAGCACGCCTTCCCCCCC
AAGAAGAAACTGCCTTTCGCTCAAGCAGGTGAACCTTGCCAGGAAGCAGCTGAGGCCCAAGGCCACCTCC
GCAGCCACTGTCAAAGGGCAGGGTCCCAGCCAGCGTCCCAGGGCCTAGATCTCTCTCTCTCCACG
GAGAAGCCTGGCCACCGGGGACCCGGACCCCATCGTGGCTCCGAGGAGGCATCAGAAGTGCCCTT
TGGCTGGACCGAAAGGAGAGTGGGTCCCTACAACACCCGCACCCCTGCAATCTCCCCCTTCACTTCG
CAGCCCTATGTGGCCACACACTCCCCAGAGGCCAGAACCCGGGAGCCTGGGCCTGACATGGCCAG
GAGGCCCCAGGAGGACACCAGCCCATGGCCCTGATGGACAAAAGGTGAGAATGAGCTGACTGGGTCA
GCCTCAGAGGAGAGCCAGGAGACCACTACCTCCACCATTATCACCACCACGGTATCACCACCGAGCAG
GCACCAGCTCTCTGCAGTGTGAGCTTCTCCAATCTGAGGGGTACATTGACTCCAGCGACTACCCACTG
CTGCCCTCAACAACCTTCTGGAGTGCACATAACGTCAGACTTACACTGGCTATGGGGTGGAGCTC
CAGGTGAAGAGTGTGAACCTGTCCGATGGGGAACCTGCTTCCATCCGCGGGGTGGACGGCCCTACCTG
ACCGTCTGGCCAACAGACACTCTGGTGGAGGGCAGGTAATCCGAAGCCCCACCAACACCATCTCC
GTCTACTCCGGACCTCCAGGACGACGGCCTTGGACCTCCAGCTTCACTACCAGGCCTCATGCTG
AGTGCACACTTCCCCCGCCGCTGACTCTGGGATGTCACGGTATGAGACCTGCACCTAGTGGGTG
GCCCACTTCACTGCCACCTGGGCTATGAGCTCCAGGGCGCTAAGATGCTGACATGCATCAATGCCCTCC
AAGCCGCACTGGAGCAGCCAGGAGCCATCTGCTCAGCTCCTTGTGGAGGGCAGTGCACATGCCACC
ATCGGCCGCTCTCTCCCCAAGTTACCCTGAAAAACAATGGGAGCCAATTCTGCATCTGGACGATT
GAAGCTCCAGAGGGCCAGAAGCTGCACCTGCACCTTGGAGGGCTGTTGCTGCATGACAAGGACAGGATG
ACGGTTACAGCGGGCAGACCAACAAGTCACTCTTCTACGACTCCCTCAAACCGAGAGTGTCCCT
TTTGGGGCTGCTGAGCGAAGGCAACACCATCCGCATCGAGTTCAGTCCGACCGAGGCCGGGGCGCC
TCCACCTCAACATCCGATTTGAAGCGTTGAGAAAGGCCACTGCTATGAGCCCTACATCCAGAATGGG
AACTTCACTACATCCGACCCGACCTATAACATTGGGACTATAGTGGAGTTCACCTGCGACCCGGCCAC
TCCTGGAGCAGGCCCGCCATCATCGAATGCATCAATGTGCGGGACCCATACTGGAATGACACAGAG
CCCTGTGCAGAGCCATGTGTGGTGGGGAGCTCTGCTGTGGCTGGGGTGGTATTGTCCCCAAACTGG
CCCAGCCCTACGTGGAAGGTGAAGATTGTATCTGGAAGATCCACGTGGGAGAAGAGAAACGGATCTTC
TTAGATATCCAGTTCTGAATCTGAGCAACAGTGCATCTTGACCATCTACGATGGCGACGAGGTATG
CCCCACATCTGGGGCAGTACCTTGGGAACAGTGGCCCCAGAACTGTACTCTCCACGCCAGACTTA
ACCATCCAGTTCCATTCGACCCCTGCTGGCCTCATCTTTGGAAGGGCCAGGGATTTATCATGAACATC
ATAGAGGTATCAAGGAATGACTCCTGCTCGGATTTACCCGAGATCCAGAATGGCTGGAAAACCACTTCT
CACACGGAGTTGGTGGGGGAGCCAGAATCACCTACCAGTGTGACCCCGGCTATGACATCGTGGGGAGT
GACACCCCTCACCTGCCAGTGGGACCTCAGCTGGAGCAGCGACCCCCATTTTGTGAGAAAACGGAGGAG
TCCTGGCATGTGACAACCCAGGGCTGCCTGAAAATGGATACCAATCCTGTACAAGCGACTCTACCTG
CCAGGAGAGTCCCTCACCTTTCATGTGCTACGAAGGCTTTGAGCTCATGGGTGAAGTGACCATCCGCTGC
ATCCTGGGACAGCCATCCCAGTGAACGGGCCCTGCCGTGTGTAAGTACGAGAAGCGGCAGCAGAG
ACGTCGCTGGAAGGGGGAAACATGGCCCTGGCTATCTTCATCCCGGTCTCATCTCTTACTGCTG
GGAGGAGCCTACATTTACATCACAAGATGTCGCTACTATTCCAACCTCCGCTGCCTCTGATGACTCC
CACCCCTACAGCCAGATCACCGTGAACCCGAGTTTGACAACCCATTTACGAGACAGGGGAAACCGAGA
GAGTATGAGGTTTCTATCTAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: SgfI-MluI

Plasmid Map:


ACCN: NM_001184776

Insert Size: 2850 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:

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_001184776.1](#)

RefSeq Size: 6348 bp

RefSeq ORF: 2850 bp

Locus ID: 23544

UniProt ID: [Q9BYH1](#)

Cytogenetics: 22q12.1

Protein Families: Druggable Genome, Transmembrane

MW: 103.5 kDa

Gene Summary: May contribute to specialized endoplasmic reticulum functions in neurons.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (5) lacks two alternate, in-frame segments in the coding region, compared to variant 1. The resulting protein (isoform 5) 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.