

## Product datasheet for **RG230592**

### SEZ6L (NM\_001184776) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SEZ6L (NM_001184776) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	SEZ6L
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>RG230592 representing NM\_001184776  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGCCCGCGGCCCGGCCCGCCCGCGGGACTCCGCGGATCTCGCTGTTCTCGCTCTGCTCTGGGGA  
 GCCCGGCCGAGCGCTGGAGCGAGATGCTCTCCGAGGGAGATGCTAGCCCTTTGGGTCTTACCTCCT  
 GCCCTCAGGAGCCCCGGAGAGAGCAGTCTGGCAAAGAGCACCTGAAGAGAGAGTGGTAAACAGCGCCC  
 CCCAGTTCCTCACAGTCGGCGGAAGTGCTGGGCGAGCTGGTGTGGATGGGACCGCACCTCTGCACATC  
 ACGACATCCCAGCCCTGTACCCTGCTCCAGAGGAGGCCGCCCAAGCACGCCTTCCCCCAAGAA  
 GAAACTGCCTTCGCTCAAGCAGGTGAATCTGCCAGGAAGCAGCTGAGGCCCAAGGCCACCTCCGCAGCC  
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 CTGGCCACCGGGGACCCGACCCCATCGTGGCCTCCGAGGAGCATCAGAAGTCCCTTTGGCTGGA  
 CCGAAAGGAGAGTGGGTCCCTACAACACCCGACCCCTGCAAACTCTCCCTTCACTTCGCAGCCCTAT  
 GTGGCCACACACTCCCCAGAGGCCAGAACCCGGGAGCCTGGGCTGACATGGCCAGGAGGCCCC  
 AGGAGGACACCAGCCCCATGGCCCTGATGGACAAGGTGAGAATGAGCTGACTGGGTGAGCTCAGAGGA  
 GAGCCAGGAGACCACTACCTCCACCATTATCACCACCAGGTCATCACCACCGAGCAGGCACCAGCTCTC  
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 CAGACTCTGGTGGAGGGCAGGTAATCCGAAGCCCCACCAACACCATCTCCGTCTACTCCGGACCT  
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 CGAATGCATCAATGTGCGGGACCCATACTGGAATGACACAGAGCCCTGTGCAGAGCCATGTGTGGTGGG  
 GAGCTCTCTGCTGTGGTGGGGTGGTATTGTCCCCAACTGGCCCGAGCCCTACGTGGAAGGTGAAGATT  
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 TCCAACCTCCGCTGCTGATGTACTCCACCCTACAGCCAGATCACCGTGGAAACCGAGTTTGACA  
 ACCCATTTACGAGACAGGGAAACAGAGAGTATGAGGTTTCTATC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >RG230592 representing NM\_001184776  
 Red=Cloning site Green=Tags(s)

MPAARPPAAGLRGISLFLALLLGSAAAALERDALPEGDASPLGPYLLPSGAPERGSPGKEHPEERVVTAP  
 PSSSQSAEVLGELVLDGTAPSAHHDIPALSPLLPEEARPKHALPPKKLPSLKQVNSARKQLRPKATSAA  
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 VAHTLPQRPEPEPGEPPDMAQEAPQEDTSPMALMDKGENELTGSASEESQETTTSTIITTTTITTEQAPAL  
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 AFEKGHCYEPYIQNGNFTSDPTYNIGTIVEFTCDPGHSLEQGPATIECINVRDPYWNDTEPLCRAMCGG  
 EL SAVAGVVLSPNWPEPYVEGEDCIWKIHVGEKRIFLDIQFLNLSNSDILTIYDGEVMPHILGQYLGN  
 SGPQKLYSSTPDLTIQFHSDPAGLIFGKGQGFIMNYIEVSRNDSCSDLPEIQNGWKTTSHTELVRGARIT  
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 FELMGEVTIRCILGQPSHWNGPLPVCKVAEAAAETSLEGNMALAFIPVLIISLLLGAYIYITRCRY  
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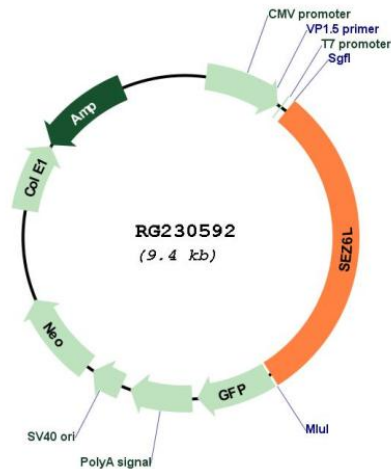
TRTRPLE - GFP Tag - V

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**


**ACCN:** NM\_001184776

**ORF Size:** 2847 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_001184776.2](#)

**RefSeq Size:** 6348 bp

**RefSeq ORF:** 2850 bp

**Locus ID:** 23544

**UniProt ID:** [Q9BYH1](#)

**Cytogenetics:** 22q12.1

**Protein Families:** Druggable Genome, Transmembrane

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