

Product datasheet for **RG230620**

SEZ6L (NM_001184774) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SEZ6L (NM_001184774) 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:

>RG230620 representing NM_001184774
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCCGCGGCCCGGCCCGCCCGCGGGACTCCGCGGATCTCGCTGTTCTCGCTCTGCTCCTGGGGA
 GCCCGGCCGAGCGCTGGAGCGAGATGCTCTCCGAGGGAGATGCTAGCCCTTTGGGTCTTACCTCCT
 GCCCTCAGGAGCCCCGGAGAGAGCAGTCTGGCAAAGAGCACCTGAAGAGAGAGTGGTAAACAGCGCCC
 CCCAGTTCCTCACAGTCGGCGGAAGTGCTGGGCGAGCTGGTGTGGATGGGACCGCACCTCTGCACATC
 ACGACATCCCAGCCCTGTACCCTGCTCCAGAGGAGGCCGCCCAAGCACGCCTTGCCCCCAAGAA
 GAAACTGCCTTCGCTCAAGCAGGTGAACCTGCCAGGAAGCAGCTGAGGCCCAAGGCCACCTCCGCAGCC
 ACTGTCCAAGGGCAGGGTCCCAGCCAGCGTCCCAGGGCCTAGATCTCTCTCTCTCCACGGAGAAGC
 CTGGCCACCGGGGACCCGACCCCATCGTGGCCTCCGAGGAGCATCAGAAGTCCCCCTTTGGCTGGA
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 TGCAGTGTGAGCTTCTCAATCCTGAGGGGTACATTGACTCCAGCGACTACCCACTGCTGCCCTCAACA
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 CAGACTCCTGGTGGAGGGCAGGTAATCCGAAGCCCCACCAACACCATCTCCGTCTACTCCGGACCT
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 TTTACCCGAGATCCAGAATGGCTGGAAAACCACTTCTCACACGGAGTTGGTGGGGAGCCAGAATCACC
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 GGGAAACAGAGAGTATGAGTTTCTATC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG230620 representing NM_001184774
 Red=Cloning site Green=Tags(s)

MPAARPPAAGLRGISLFLALLLGSAAAALERDALPEGDASPLGPYLLPSGAPERGSPGKEHPEERVVTAP
 PSSSQSAEVLGELVLDGTAPSAHHDIPALSPLLPEEARPKHALPPKKLPSLKQVNSARKQLRPKATSAA
 TVQRAGSQPASQGLDLLSSSTEKPGPPGDPDPIVASEEASEVPLWDRKESAVPTTPAPLQISPFTSQPY
 VAHTLPQRPEPEPGEPPDMAQEAPEQEDTSPMALMDKGENELTGSASEESQETTTSTIITTTVITTEQAPAL
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 AFEKGHCYEPYIQNGNFTTSDPTYNIGTIVEFTCDPGHSLEQGPATIECINVRDPYWNDTEPLCRAMCGG
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 YQCDPGYDIVGSDTLTCQWDLWSWSDPPFCEKIMYCTDPGEVDHSTRLISDPVLLVGTTIQYTCNPGFVL
 EGSLLTCYSRETGTPIWTSRLPHCVSEESLACDNPGLPENGYQILYKRLYLPGESLTFMCEYEGFELMGE
 VTIRCILGQPSHWNGPLPVCKVAEAAAETSLEGGNMAAIFIPVLIISLLLGAYIYITRCRYSNLRLP
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TRTRPLE - GFP Tag - V

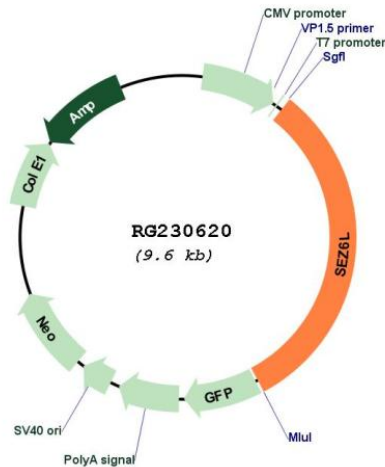
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001184774

ORF Size: 3039 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_001184774.2](#)

RefSeq Size: 6540 bp

RefSeq ORF: 3042 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]