

Product datasheet for RC230620

SEZ6L (NM_001184774) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: SEZ6L (NM_001184774) Human Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: SEZ6L
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 ORF Nucleotide Sequence: >RC230620 representing NM_001184774
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGCCCGCGCCCGGCCCGCCCGCGGGACTCCGCGGGATCTCGCTGTTCTCGCTGCTCTCTGGGA
 GCCCGCGGCAGCGCTGGAGCGAGATGCTCTTCCCGAGGGAGATGCTAGCCCTTTGGGTCTTACCTCT
 GCCCTCAGGAGCCCCGGAGAGAGGAGCAGTCTGGCAAAGAGCACCTGAAGAGAGAGTGGTAACAGCGCCC
 CCCAGTTCTCACAGTCGGCGGAAGTCTGGGCGAGCTGGTCTGGATGGGACCGCACCTTGCACATC
 ACGACATCCCAGCCCTGTACCCTGCTTCCAGAGGAGGCCCGCCCAAGCACGCCTTGCCTCCAAAGAA
 GAAACTGCCTTTCGCTCAAGCAGGTGAACTCTGCCAGGAAGCAGCTGAGGCCCAAGGCCACCTCCGAGCC
 ACTGTCCAAAGGGCAGGGTCCCAGCCAGCGTCCCAGGGCCTAGATCTCCTCTCCTCCACGGAGAAGC
 CTGGCCACCGGGGACCCGGACCCATCGTGGCTCCGAGGAGGCATCAGAAGTCCCTTTGGCTGGA
 CCGAAAGGAGAGTGCGGTCCCTACAACACCCGCACCCCTGCAAATCTCCCTTCACTTCGAGCCCTAT
 GTGGCCACACACTCCCCAGAGGCCAGAACCCGGGAGCCTGGGCTGACATGGCCAGGAGGCCCCCC
 AGGAGGACACCAGCCCCATGGCCCTGATGGACAAAGGTGAGAATGAGCTGACTGGGTGAGCCTCAGAGGA
 GAGCCAGGAGACCACTACCTCCACCATTATCACCACCAGGTATCACCACCGAGCAGGCACCAGCTCTC
 TGCAGTGTGAGCTTCTCAATCCTGAGGGGTACATTGACTCCAGCGACTACCCACTGCTGCCCTCAACA
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 CAGACACTCCTGGTGGAGGGGCAGGTAATCCGAAGCCCCACCAACACCATCTCCGTCTACTTCCGGACCT
 TCCAGGACGACGGCCTTGGGACCTTCCAGCTTCACTACCAGGCCTTATGCTGAGCTGCACTTTCCCGG
 CCGGCTGACTCTGGGGATGTCACGGTATGGACTGCACTCAGGTGGGTGGCCCACTTCACTGCCAC
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 AAGTTACCCTGAAAACACAAATGGGAGCCAATTCTGCATCTGGACGATTGAAGCTCCAGAGGGCCAGAAG
 CTGCACCTGCACCTTGGAGGGCTGTTGCTGCATGACAAGGACAGGATGACGGTTACAGCGGGCAGACCA
 ACAAGTCAGCTCTTCTACGACTCCCTCAAACCGAGAGTGTCCCTTTGAGGGCTGCTGAGCGAAGG



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CAACACCATCCGCATCGAGTTCACGTCCGACCAGGCCCGGGCGGCCTCCACCTTCAACATCCGATTTGAA
 GCGTTTGAGAAAGGCCACTGCTATGAGCCCTACATCCAGAATGGGAATTCACATACCCGACCCGACCT
 ATAAACATTGGGACTATAGTGGAGTTCACCTGCGACCCCGGCCACTCCCTGGAGCAGGGCCCGGCCATCAT
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 GAGCTCTCTGCTGGCTGGGTGGTATTGTCCCCAACTGGCCCGAGCCCTACGTGGAAGGTGAAGATT
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 CAAGCGACTTACTCTGCCAGGAGTCCCTCACCTTCATGTGCTACGAAGCTTTGAGCTCATGGGTGAA
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 AAGCGGCAGCAGAGAGCTCGCTGGAAGGGGGAAACATGGCCCTGGCTATCTTCATCCCGGTCTCATCAT
 CTCCTTACTGCTGGGAGGAGCTACATTTACATCACAAGATGTCGCTACTATTCCAACCTCCGCCTGCCT
 CTGATGTACTCCCACCCCTACAGCCAGATCACCGTGGAAACCGAGTTTGACAACCCCATTTACGAGACAG
 GGGAAACCAGAGATATGAGGTTTCTATC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC230620 representing NM_001184774
 Red=Cloning site Green=Tags(s)

MPAARPPAAGLRGISLFLALLLGSPPAAALERDALPEGDASPLGPYLLPSGAPERGSPGKEHPEERVVTAP
 PSSSQSAEVLGELVLDGTAPSAHHDIPALSPLLPEEARPKHALPPKKLPSLKQVNSARKQLRPKATSAA
 TVQRAGSQPASQGLDLLSSSTEKPGPPGDPDPIVASEEASEVPLWDRKESAVPTTPAPLQISPFTSQPY
 VAHTLPQRPEPGEPPDMAQEAPQEDTSPMALMDKGENELTGSASEESQETTTSTIITTTVITTEQAPAL
 CSVSFSNPEGYIDSSDYPLLPLNPFLECTYNVTVYTG YGVELQVKS VNLSDGELL SIRGVDGPTLTVLAN
 QTLLVEGQVIRSPNTISVYFRTFQDDGLGTFQLHYQAFMLSCNFPRRPSGDVTVMDLHSGGVAHFHCH
 LGYELQGA KMLTCINASKPHWSSQEPICSA PCGGAVHNATIGRVLSPSPENTNGSQFCIWTIEAPEGQK
 LHLHFERLLLHDKDRMTVHSGQTNKSALLYDSLQTESVPFEGLLSEGNTIRIEFTSDQARAASFNIRFE
 AFEKGHCYEPYIQNGNFTTSDPTYNIGTIVEFTCDPGHSLEQGPATIECINVRDPYWNDEPLCRAMCGG
 EL SAVAGVVLSPNWPEPYVEGEDCIWKIHWGEEKRIFLDIQFLNLSNSDILTIYDGEVMPHILGQYLGN
 SGPQKLYSSTPDLTIQFHSDPAGLIFGKGQGFIMNYIEVSRNDSCDLPEIQNGWKTTSHTELVRGARIT
 YQCDPGYDIVGSDTLTCQWDL SWSSDPFCEKIMYCTDPGEVDHSTR LISDPVLLVGTTIQYTCNPGFVL
 EGSSLLTCYSRETGTPIWTSRLPHCVSEESLACDNPLPENGYQILYKRLYLPGESLTFMCEYEGFELMGE
 VTIRCILGQPSHWNGPLPVCKVAEAAAETSLEGGNMALAIIPVLIISLLGGAYIYITRCRYSNLRLP
 LMYSHPYSQITVETEFDNPIYETGETREYEVSI

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


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:

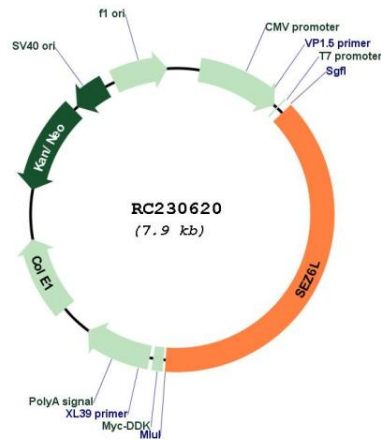
1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store 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 ORF: 3042 bp

Locus ID: 23544
UniProt ID: [Q9BYH1](#)
Cytogenetics: 22q12.1
Protein Families: Druggable Genome, Transmembrane
MW: 111 kDa
Gene Summary: May contribute to specialized endoplasmic reticulum functions in neurons.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC230620