

Product datasheet for **MR211324**

Sez6l (NM_019982) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sez6l (NM_019982) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Sez6l
Synonyms:	Acig1; AI843918; AIG1; AW539724; BSRP-B; mKIAA0927
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR211324 representing NM_019982
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCCGTGGCACGGCCACAAGCCGCGGGACCCGACAGGATCTCTGTTCCTTGTGCGCTTCTTCTGG
 GGAGCCCCGCGGAGCTCAGGCGGAAGATGGTGGTCCAGAGGGAGAGATGCACCCTTCCACTGCCTACCT
 CCTGCCCTCTGCCTCGCTGGAGAGTAGCCTGGAAGAGGGGTGACATCAGCAGCCCCAGGTCCTCTGCCA
 TCCCAAGAAGCACTGGAAGCAATGGAAGAGTCTTGCCCCCTGCGCTGCCGACGAGGCCAGTGTCCAGC
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 GAAGACCCCGAGCAGCCACGGCGCTGCGCCACTGCAGATCGCGCCCTTCACTGCACTGGCGACCACAC
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 CAAGTGATTTCCCTCCACAACCCCTACAGCAGCTTCTTGAATGCACCTTACAATGTGACGGTCTACACTGG
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 GACGGTCCCACTCTGACAGTCTGGCCAACCAGACTCTACTGGTAGAGGGCCAGGTGATCCGACGCCCA
 CCAACACCATCTCTGTCTACTCCGGACCTTCCAGGATGATGGCTCGGGACCTTCCAGCTACATTACCA
 GGCCTTATGCTGAGCTGCCCTTTCCCGGAGGCCGATGCCGGAGAGGTACGGTGTGATGGATCTGCAC
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 GGAGGAGCTACATCTACGTACGAGGTGCCACAATACTCCAGCCTCCGCTACCCCTCATGTACTCCC
 ACCCTACAGTCAGATCACCGTGGAGACTGAGTTCGACAATCCCATCTACGAGACTGGGGAACAAGAGA
 GTATGAAGTTTCCATC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR211324 representing NM_019982
 Red=Cloning site Green=Tags(s)

MPVARPQAAGPDRISLFLVAFLLGSPAAAQAEDGGPEGEMHPSTAYLLPSASLESSLEEGV TSAAPGLLP
 SQEALEAMEESLPPALPDEASVQHTPALRKGLPSLKQLNSARRQLRPLATPTTLQRLGSPASATTKLREP
 EDPEQPTAPAPLQIAPFTALATLPHSPQPAQAPDSSSPGSPDKGDNELTGSASEESQETTSTIVTTT
 IITTEQAPALCGVSFSDPEGYIDSSDFPPQPYSSFLECTYNVTVYTYGYGVELQVKSYNLSEGELLSIRGV
 DGPTLTVLANQTLLEVGQVIRSPTNTISVYFRFTQDDGLGTFQLHYQAFMLSCPFPRRPDAGEVTVMDLH
 SGGVAHFHCHLGYELQGAKTLCINASKPHWSSQEPVCSAPCGGAVHNATIGRVLSPSFPGTANGSQLCV
 WTIEAPEGQKHLHLERLLLHEKDRMIVYSGRTNTSALLYDSLRTESVPFEGLLSEGSSIRIEFTSDQGQ
 AASAFNIRFEAFEKGHCYEPYIQNGNFTTSDPTYNIGTIVEFTCDPGHSLEQGPVIECVNVRDPYWN
 DTEPLCRAMCGGELSAVAGVVLSPNWPEPYAEGEDCVWKIHWGEEKRIFLDIQFLNLSNSDILTIYDGEV
 VPHVLGQYFGHSSPQKLYSSTPDLTIQFHSDPAGLIFGKGQGFIMNYIEVSRNDSDDLPEIQNGWKTTS
 HTELVRGARITYQCDPGYDIVGSDTLTCQWDLWSSDPPFCEKIMYCTDPGEVEHSTRLLISDPVLLVGT
 TIQYTCSPGFVLEGSLLTCYSRETGTPIWTSRLPHCVSEESLACDNPGLPENGYQILYKRLYLPGESLTF
 M CYEGFELMGEVTRCILGQPSHWSGPLPICKVNQDSFEHALAAAAESSLEGGNMLAIFIPVLLISLLL
 GGAYIYVTRCRQYSSRLPLMYSHYPYSQITVETEDNPIYETGETREYEVSI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

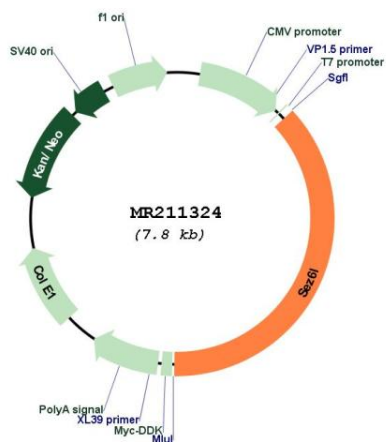


ACCN: NM_019982

ORF Size: 2886 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:	<ol style="list-style-type: none">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_019982.3
RefSeq Size:	6073 bp
RefSeq ORF:	2889 bp
Locus ID:	56747
UniProt ID:	Q6P1D5
Cytogenetics:	5 F
MW:	105.2 kDa
Gene Summary:	Candidate tumor suppressor gene. May contribute to specialized endoplasmic reticulum functions in neurons.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR211324