

Product datasheet for **MC229224**

Sez6l (NM_001253916) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sez6l (NM_001253916) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sez6l
Synonyms:	Acig1; AI843918; AIG1; AW539724; BSRP-B; mKIAA0927
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC229224 representing NM_001253916
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCCGTGGCACGGCCACAAGCCGCGGGACCCGACAGGATCTCTGTTCCTTGTGCGCTTCCTTCTGG
 GGAGCCCCGCGGAGCTCAGGCGGAAGATGGTGGTCCAGAGGGAGAGATGCACCCTTCCACTGCCTACCT
 CCTGCCCTCTGCCTCGCTGGAGAGTAGCCTGGAAGAGGGGTGACATCAGCAGCCCCAGGTCCTCTGCCA
 TCCCAAGAAGCACTGGAAGCAATGGAAGAGTCTTGCCCCCTGCGCTGCCGACGAGGCCAGTGTCCAGC
 ACACGCTGCCCTAAGGAAGGGTCTGCCGTCCCTGAAGCAACTCAACTCGGCCCGGAGGCAGCTGAGGCC
 CCTGGCTACCCCGACAACCTGTCAGAGACTGGGTCTCTGCCTTGCCACCACGAAGCTGCGTGAGCCT
 GAAGACCCCGAGCAGCCACGGCGCTGCGCCACTGCAGATCGCGCCCTTCACTGCACTGGCGACCACAC
 TCCACACAGCCCTCAGCCCGCTCAGGCCCTGATGACAGCAGCCCCGGTAGCCCGCTGGACAAGGGGA
 CAATGAGCTGACCGGGTCTGCCTCCGAGGAGGCCAGGAGACCACCGTCCACCATCGTCACTACCACC
 ATCATACCACGAGCAGGCCCCAGCTCTCTGCGGTGTGAGCTTCTCCGACCCGGAGGGATACATTGACT
 CAAGTGATTTCCCTCCACAACCCTACAGCAGCTTCTTGAATGCACCTTACAATGTGACGGTCTACACTGG
 CTACGGGGTGAAGTGCAGGTCAAGAGTGTCAACCTCTCCGAGGGGGAGCTGCTCTCCATCCGAGGAGTG
 GACGGTCCCCTCTGACAGTCTGGCCAACCAGACTCTACTGGTAGAGGGCCAGGTGATCCGAGCCCCA
 CCAACACCATCTCTGTCTACTCCGGACCTTCCAGGATGATGGCTCGGGACCTTCCAGCTACATTACCA
 GGCCTTATGCTGAGCTGCCCTTTCCCGGAGGCCGATGCCGGAGAGGTACGGTGTGATGGATCTGCAC
 TCGGGCGGGTGGCCACTTCCATTGCCACCTGGGTACGAGCTGCAGGGAGCCAAGACGCTGACCTGCA
 TCAATGCCTCAAACCCGACTGGAGCAGCCAGGACCTGTCTGCTCAGCCCCATGTGGAGGAGCATGCA
 CAATGCCACCATCGGCCGAGTTCTCTCCCAAGTTTCCCGGAACCGCCAATGGCAGCCAGCTCTGCGTG
 TGGACCATAGAGGCTCCAGAGGGTCCAGAACTTCACTGCACCTTCAAAGGCTGTGCTGCATGAGAAAG
 ACAGGATGATTGTCTACAGTGAAGAACAACACATCTGCCCTCTGTACGACTCTCTCAGAACAGAGAG
 CGTGCCCTTGAAGGCTGCTGAGCGAGGGTAGCAGTATCCGATTGAGTTCACGTCCGACCAGGGCCAG
 GCAGCTTCCGCTTCAACATCCGCTTTGAGGCCTTTGAGAAAGTCACTGCTATGAACCTACATCCAAA
 ATGGGAATTTACCACATCGACCCACCTACAACATCGGCACCATTGTGGAGTTCACCTGCGACCCCGG
 CCACTCTCTGGAACAGGGCCCGGTGTCATCGAGTGTGCAATGTGCGTGACCCATACTGGAATGACACA
 GAGCCTCTATGCAGAGCCATGTGTGGTGGGAGCTCTCTGCTGTGGCTGGGTGGTGTCTCTCAAACCT
 GGCCAGAGCCCTATGCAGAAGGTGAAGACTGTGTGTGGAAGATCCACGTTGGGGAGGAGAAGCGGATCTT
 CCTGGACATTCAGTTCCTAACCTGAGCAACAGCGACATCCTGACCATCTATGATGGCGATGAGGTTGTG
 CCCCACGTCTGGGCCAGTACTTTGGCCACAGCAGCCCTCAGAAGCTGTACTCTCCACACCCGACCTCA
 CCATCCAGTTCACCTCCGACCCTGCAGGCCCTATCTTTGGCAAGGGCCAGGGATTATCATGAACTATAT
 AGAGGTGTACGGAACGACTCCTGCTCAGACTTGCTGAAATTCAGAACGGCTGGAAAATACTTCCCAC
 ACAGAGCTGGTCAGGGGAGCCCGGATCACATACCAGTGTGACCCAGGCTATGACATTGTGGGGAGTGACA
 CCCTCACCTGCCAATGGGACCTCAGTTGGAGCAGCGACCCGCCGTTTTGTGAAAAAATTATGACTGTAC
 TGACCCCGGGGAGGTGGAGCACTCCACCCGCCTCATTTACAGACCCTGTGCTGCTAGTGGCACCACCATC
 CAGTACACCTGTAGCCCTGGCTTTGTGCTTGAAGGGAGCTCTTCTCACCTGCTACAGCCGCGAGACAG
 GAACTCCCATCTGGACATCTCGCCTGCCCACTGTGTCTCTGAGGAGTCCCTGGCGTGTGACAACCCAGG
 ACTGCCTGAGAACGGGTACCAGATCCTGTACAAGCGGCTGTACCTGCCCGGAGAGTCCCTCACCTTCATG
 TGCTACGAGGGCTTTGAGCTCATGGGCGAAGTGACCATCCGGTGCATTCTGGGACAGCCGTCCTTGGGA
 GTGGGCCCTGCCATCTGTAAGTTAACCAAGACAGTTTGAACATGCATTGGAAGCAGAAGCGGCAGC
 AGAGTCTCACTGGAAGGTGGGAACATGGCGCTGGCCATCTTTCATTCCGGTCTTCTCATCTCCTTGCTA
 CTGGGAGGAGCCTACATCTACGTCACGAGGTGCCGACAATACTCCAGCCTCCGCCTACCCCTCATGACT
 CCCACCCCTACAGTCAGATCACCGTGGAGACTGAGTTCGACAATCCCATCTACGAGACTGGGAAACAAG
 AGAGTATGAAGTTCCATC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001253916
Insert Size:	2892 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:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001253916.1</u> , <u>NP_001240845.1</u>
RefSeq Size:	6098 bp
RefSeq ORF:	2892 bp
Locus ID:	56747
UniProt ID:	<u>Q6P1D5</u>
Cytogenetics:	5 F
Gene Summary:	Candidate tumor suppressor gene. May contribute to specialized endoplasmic reticulum functions in neurons.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longest isoform (1).