

Product datasheet for **MC229134**

Sez6l (NM_001253917) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sez6l (NM_001253917) 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



[View online »](#)

Fully Sequenced ORF: >MC229134 representing NM_001253917
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCCGTGGCACGGCCACAAGCCGCGGGACCCGACAGGATCTCTGTTCCTTGTGCGCTTCCTTCTGG
 GGAGCCCCGCGGCAGCTCAGGCGGAAGATGGTGGTCCAGAGGGAGAGATGCACCCTTCCACTGCCTACCT
 CCTGCCCTCTGCCTCGCTGGAGAGTAGCCTGGAAGAGGGGTGACATCAGCAGCCCCAGGTCCTCTGCCA
 TCCCAAGAAGCACTGGAAGCAATGGAAGAGTCTTGCCCCCTGCGCTGCCGACGAGGCCAGTGTCCAGC
 ACACGCCCTGCCCTAAGGAAGGGTCTGCCGTCCCTGAAGCAACTCAACTCGGCCCGGAGGCAGCTGAGGCC
 CCTGGCTACCCCGACAACCTGTCAGAGACTGGGGTCTCTGCCTTGCCACCACGAAGCTGCGTGAGCCT
 GAAGACCCCGAGCAGCCACGGCGCTGCGCCACTGCAGATCGCGCCCTTCACTGCACTGGCGACCACAC
 TCCACACAGCCCTCAGCCCGCTCAGGCCCTGATGACAGCAGCCCCGGTAGCCCGCTGGACAAGGGGGA
 CAATGAGCTGACCGGGTCTGCCTCCGAGGAGGCCAGGAGACCACCAGTCCACCATCGTCACTACCACC
 ATCATACCACGAGCAGGCCCCAGCTCTCTGCGGTGTGAGCTTCTCCGACCCGGAGGGATACATTGACT
 CAAGTGATTTCCCTCCACAACCCCTACAGCAGCTTCTGGAATGCACCTTACAATGTGACGGTCTACACTGG
 CTACGGGGTGGAACTGCAGGTCAAGAGTGTCAACCTCTCCGAGGGGGAGCTGCTCTCCATCCGAGGAGTG
 GACGGTCCCCTCTGACAGTCTGGCCAACCAGACTCTACTGGTAGAGGGCCAGGTGATCCGACGCCCA
 CCAACACCATCTCTGTCTACTTCCGACCTTCCAGGATGATGGCTCGGGACCTTCCAGCTACATTACCA
 GGCCTTATGCTGAGCTGCCCTTTCCCGGAGGCCGATGCCGAGAGGTACGGTGTGATGGATCTGCAC
 TCGGGCGGGTGGCCACTTCCATTGCCACCTGGGCTACGAGCTGCAGGGAGCCAAGACGCTGACCTGCA
 TCAATGCCTCAAACCGCACTGGAGCAGCCAGGACCTGTCTGCTCAGCCCCATGTGGAGGAGCAGCTGCA
 CAATGCCACCATCGGCCGAGTCTCTCCCCAGTTTCCCGGAACCGCCAATGGCAGCCAGCTCTGCGTG
 TGGACCATAGAGGCTCCAGAGGGTCCAGAAGCTTCACTGCACCTTCAAAGGCTGTGCTGCATGAGAAAG
 ACAGGATGATTGTCTACAGTGGAAAGAACAAACACATCTGCCCTCTGTACGACTCTCTCAGAACAGAGAG
 CGTGCCCTTGAAGGCTGCTGAGCGAGGGTAGCAGTATCCGCAATTGAGTTCACGTCCGACCAGGGCCAG
 GCAGCTTCCGCTTCAACATCCGCTTTGAGGCCTTTGAGAAAGGTCACTGCTATGAACCTACATCCAAA
 ATGGGAATTTACCACATCGGACCCACCTACAACATCGGCACCATTGTGGAGTTCACCTGCGACCCCGG
 CCACTCTCTGGAACAGGGCCCGGCTGTCATCGAGTGTGCAATGTGCGTGACCCATACTGGAATGACACA
 GAGCCTCTATGCAGAGCCATGTGTGGTGGGAGCTCTCTGCTGTGGCTGGGGTGGTGTCTTCAAACCT
 GGCCAGAGCCCTATGCAGAAGGTGAAGACTGTGTGTGGAAGATCCACGTTGGGGAGGAGAAGCGGATCTT
 CCTGGACATTCAGTTCCTTAACCTGAGCAACAGCGACATCCTGACCATCTATGATGGCGATGAGGTTGTG
 CCCCACGTCTGGGCCAGTACTTTGGCCACAGCAGCCCTCAGAAGCTGTACTCTCCACACCCGGACCTCA
 CCATCCAGTTCCTCCGACCCTGCAGGCCATCTTTGGCAAGGGCCAGGGATTATCATGAACTATAT
 AGAGGTGTACGGAACGACTCCTGCTCAGACTTGCTGAAATTCAGAACGGCTGGAAAATACTTCCCAC
 ACAGAGCTGGTCAGGGGAGCCCGGATCACATACCAGTGTGACCCAGGCTATGACATTGTGGGGAGTGACA
 CCCTCACCTGCCAATGGGACCTCAGTTGGAGCAGCGACCCGCGTTTTGTGAAAAAATTATGACTGTAC
 TGACCCCGGGGAGGTGGAGCACTCCACCCGCCTCATTTACAGCCCTGTGCTGCTAGTGGCACCACCATC
 CAGTACACCTGTAGCCCTGGCTTTGTGCTTGAAGGGAGCTCTTCTCACCTGCTACAGCCGCGAGACAG
 GAACTCCCATCTGGACATCTCGCTGCCCACTGTGTCTTAAACCAAGACAGTTTTGAACATGCATTGGA
 AGAAGCGGCAGCAGAGTCTCACTGGAAGGTGGGAACATGGCGCTGGCCATCTTCAATCCGGTCTTCTC
 ATCTCCTGTACTGGGAGGAGCCTACATCTACGTACAGAGGTGCCGACAATACTCCAGCCTCCGCTAC
 CCCTCATGTACTCCACCCCTACAGTCAGATCACCGTGGAGACTGAGTTCGACAATCCCATCTACGAGAC
 TGGGGAACAAGAGAGTATGAAGTTCCATCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001253917

Insert Size:	2694 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_001253917.1</u> , <u>NP_001240846.1</u>
RefSeq Size:	5900 bp
RefSeq ORF:	2694 bp
Locus ID:	56747
UniProt ID:	<u>Q6P1D5</u>
Cytogenetics:	5 F
Gene Summary:	<p>Candidate tumor suppressor gene. May contribute to specialized endoplasmic reticulum functions in neurons.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) lacks an in-frame exon and has an alternate splice site in the 3' coding region, compared to variant 1. The resulting isoform (3) lacks an internal segment and an internal aa in the C-terminal region, compared to isoform 1.</p>