

Product datasheet for **MC229065**

Sez6l2 (NM_001252567) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sez6l2 (NM_001252567) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sez6l2
Synonyms:	AI835913; AW121566; BSRP-A; Psk1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC229065 representing NM_001252567
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGACTCCCAAGGCCAGCACCCGCCGCTTCCCAGCTGCTGCTCCTAATTCTGCTGAGCTGTGCCT
 GGATTGAGGGTCTGCCCCGAAGGAGGATGAGATGATGCCAGAGCCTGGAAGTGAGACTCCACAGTGCC
 CTCTGAGGACCTGGCTGAGCTGCTCCATGGGGCTTTGCTGCGGAAGGGCCAGAGATCGGCTTCTTGCCG
 GCCCGCCCGCCTGGCCCCGCTCCCCAGTCCCACCCCTCAGGCCTGAGGGAGGAGAGGAGAAACCA
 CCACCACCATCATACCACAACAACTGTACCACCCTGTACCAGCCCAGTTCTGTGCAATAACAACAT
 CTCGGAGGGCGAAGGGTTTGTGGAGTCTCCGACTTGGGAGCACTGCCAGCCGCTCCGTGGAGCTCCTA
 GATTGCACCTACAGCATCCATGTCTACCCTGGTTATGGCATTGAGATTGAGTGCAGACTCAACCTGT
 CTCAGGAGGAAGAACTTCTGGTGTGGCCGGTGGGGTTCTCCAGGCCTGGCCCCAGACTCCTGGCCAA
 TTCTCCATGCTGGGAGAAGACAAGTGTGCGGAGCCAAACAAACCGGCTGCTCCTGCATTTCCAGAGT
 CCTCGAGTCCCAAGGGGAATGGCTTCCAGATTACTATCAGGCATACCTTCTGAGCTGCGGCTTCCCAC
 CCCGGCCAGCCACGGGGATGTGAGCGTGACAGACTTGCATCCTGGGGGCACTGCCACCTTCCACTGTGA
 CTCAGGATACCAGCTACAGGGTGAAGGAGCCCTCATTGCTCAATGGTACCCGGCCAGCCTGGACTGGT
 GAACCCCTAGCTGTACAGCATCTTGTGGTGGCACCATCCACAATGCCACACTGGGTGCGATTGTATCCC
 CTGAGCCTGGGGAGCTGCAGGGCCAACTCACCTGCCGCTGGGTCAATTGAAGCGGCCAGGGACGCCG
 GCTTACCTACACTTTGAGAGAGTCTACTGGATGAGGACAATGACCGGCTGATGGTGGCTCAGGGGA
 AGCCCCCTGTCCCTGTGATTTACGACTGACATGGATGATGTCCTGAACCGGCTCATCAGTGATGA
 CCGAGTCCCTCTACGTAGAAGTCTTTACAGACACCAGCCAAACCCCTGCTGCTCAGCTCCGATTTGA
 AGCCTTTGAGGAGGACCGCTGCTTCCCCCGTTCTGGCTCACGGCAATGTGACCACTACAGATCCCTGAG
 TTCACCCAGGAGCACTGGCCACCTTCTCATGCCTCCCAGGATATGCTCTGGAGCCACCAGACCCCCCA
 ATGCTATCGAATGTGTGGATCCCACCGAACCCACTGGAACGACACAGAGCCAGCCTGCAAGGCCATGTG
 TGGAGGAGAGCTGTCTGAGCCAGCTGGTGGTACTCTCTCCGACTGGCCCCAGAGTTACAGCCCTGGC
 CAAGACTGCGTGTGGGCTGCACGTCCAGGAAGAGAAGCGCATCTTGTCCAAGTTGAAATCTTGAATG
 TTCGGAAGGGGATATGTAACACTGTTGACGGGACGGTCCGAGCGCTCGAGTCTGGCCAGCTGCG
 AGGACCTCAGCCGCGCCCGCCTCTCTCTGACCTGATCTACTTGCAGTTTCAGGCACCCCT
 GGTCCCCAAATCCGGGCTAGGCCAGGGTTTCGTGTTACATTTCAAAGAGGTCCCGAGAAACGATACGT
 GCCCGGAGCTACCACCCTGAGTGGGGCTGGAGGACAGCATCCCACGGGACCTTATCCGGGTACAGT
 GCTCACCTATCAATGCGAGCCTGGCTATGAACTACTGGGATCAGACATCCTCACTTGCCAATGGGACCTG
 TCCTGGAGCGCGGCCACCTGCCTGCCAAAAGATCATGACTTGTGCTGACCCTGGCGAGATCACC AATG
 GCCATCGGACTGCCTCAGATGCTGGTTTCCCTGTGGGCTCCCACGTCCAGTATCGCTGTCTGCCAGGGTA
 CAGCCTGGAAGGAGCAGCTGTGCTACCTGCTACAGCCGGGACACAGGCACACCAAGTGGAGTGATCGG
 GTCCCCAAATGCGCCTTAAAGTACGAGCCGTGCCTGAACCCCGGTGTTCTTGAGAATGGTTACCAAACCTC
 TGTACAAGCATCACTACCAAGCGGGCAGTCCGCTACGCTTCTTCTGCTACGAGGGCTTTGAGTCCATCGG
 CGAGGTACCATCACATGTGTACCCGGTCAACCCCTCCAGTGGACCAGCCAGCCCCACTCTGCAAAGTG
 GCCTATGAGGAGCTCCTGGACAACCGAAAAGTGAAGTGACCCAGACTACAGACCCATCACGGCAGCTGG
 AGGGTGGTAATCTCGCTTTGGCCATCCTGTTGCCCTGGGCTTGGTCATTGCTTGGCATTGGCGTTTA
 CATATACTACACTAAGCTACAAGGAAAATCCCTCTTTGGCTTCTCGGGTCTCACTCTTACAGTCCCATT
 ACGGTGGAGTCAGACTTCAGCAACCCACTGTATGAAGCTGGGGATACGAGGGAGTATGAAGTTTCCATCT
 GA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001252567

Insert Size:	2592 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_001252567.1</u> , <u>NP_001239496.1</u>
RefSeq Size:	3632 bp
RefSeq ORF:	2592 bp
Locus ID:	233878
UniProt ID:	<u>Q4V9Z5</u>
Cytogenetics:	7 F3
Gene Summary:	<p>May contribute to specialized endoplasmic reticulum functions in neurons.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) uses a different splice site in the 5' coding region, compared to variant 1. The resulting protein (isoform 3) is shorter when it is compared to isoform 1.</p>