

Product datasheet for **MC229160**

Sez6l2 (NM_001252566) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sez6l2 (NM_001252566) 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: >MC229160 representing NM_001252566
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGGACTCCCAAGGCCAGCACCCGCCGCTTCCAGCTGCTGCTCCTAATTCTGCTGAGCTGTGCCT
 GGATTGAGGGTCTGCCCCGAAGGAGGATGAGATGATGCCAGAGCCTGGAAGTGAGACTCCACAGTGGC
 CTCTGAGGACCTGGCTGAGCTGCTCCATGGGGCTTTGCTGCGGAAGGGGCCAGAGATCGGCTTCTTGCCG
 GGATCTGACCCAGACCCACACTAGCCACCCCTCCAGCCGGCCAGACTCTTGACGACCTTCCCTGCCAC
 GTGCCACTGAGCCAGGGACAGGGCCTCTGACGACAGCTGTACCCCAAGGGAGTCAGGGGGCAGGCC
 CACCGCGCAGAGCTGCTGACCCACCCCTGAACTACAGCCCCGCCCGCTGGCCCCGCTCCCA
 GTCCCACCCCTCAGGCCGTAGGGAGGAGAGGAAACCACCACCACATCATCACACAACAAGTGTCA
 CCACCACTGTACCAGCCAGTTCTGTGCAATAACAACATCTCGAGGGCGAAGGGTTTGTGGAGTCTCC
 GGACTTGGGGAGCACTGCCAGCCGCTCCGTGGAGCTCCTAGATTGCACCTACAGCATCCATGTCTACCT
 GGTATGGCATTGAGATTAGGTGACAGACTCAACCTGTCTCAGGAGGAAGAATTCTGGTGTGGCCG
 GTGGGGTTCTCCAGGCCTGGCCCCAGACTCCTGGCCAATTCCTCCATGCTGGGAGAAGGACAAGTGT
 GCGGAGCCCAACAACCGGCTGCTCCTGCATTTCCAGAGTCTCGAGTCCCAAGGGGAATGGCTTCAGG
 ATTCACTATCAGGCATACCTTCTGAGCTGCGGCTTCCCACCCGGCCAGCCACGGGGATGTGAGCGTGA
 CAGACTTGATCCTGGGGCACTGCCACCTTCCACTGTGACTCAGGATACCAGCTACAGGGTGAGGAGAC
 CCTCATTTGCCTCAATGGTACCCGGCCAGCCTGGACTGGTGAACCCCTAGCTGTACAGCATCTTGTGGT
 GGCACCATCCACAATGCCACACTGGGTGCAATTGTATCCCCTGAGCCTGGGGAGCTGCAGGGCCCAACC
 TCACTGCCGCTGGGTCAATTGAAGCGCCGAGGGACCCGGCTTCACTACACTTTGAGAGAGTCACT
 GGATGAGGACAATGACCGGCTGATGGTGCCTCAGGGGAAGCCCTGTCCCCTGTGATTTACGACTCT
 GACATGGATGATGCCCTGAACGCGTCTCATCAGTATGCCAGTCCCTCTACGTAGAAGTGTCTTCAG
 AGACACCAGCCAACCCCTGCTGCTCAGCCTCCGATTTGAAGCCTTTGAGGAGGACCGCTGCTTCCCCC
 GTTCTGGCTCACGGCAATGTGACCACTACAGATCCTGAGTTCCACCCAGGAGCACTGGCCACCTTCTCA
 TGCCTCCAGGATATGCTCTGGAGCCACCAGGCCCAATGCTATCGAATGTGTGGATCCACCGAAC
 CCCACTGGAACGACACAGAGCCAGCCTGCAAGGCCATGTGTGGAGGAGAGCTGTCTGAGCCAGCTGGTGT
 GGTACTCTCTCCGACTGGCCCCAGAGTTACAGCCCTGGCCAAGACTGCGTGTGGGGCTGCACGTCCAG
 GAAGAGAAGCGCATCTTGTCCAAGTTGAAATCTTGAATGTTGCGGAAGGGGATATGCTAACACTGTTCCG
 ACGGGGACGGTCCGAGCGCTCGAGTCTGGCCAGCTGCGAGGACCTCAGCCGCGCCGCCCTCTCTC
 CTCTGGACCTGATCTCACTCTGCAGTTTCAAGCACCCCTGGTCCCCAATCCGGGCTAGGCCAGGGT
 TTCGTGTTACATTTCAAAGAGGTCCCGAGAAACGATACGTGCCCGGAGCTACCACCACCTGAGTGGGGCT
 GGAGGACAGCATCCACGGGGACCTTATCCGGGTACAGTGTCCACATCAATGCGAGCCTGGCTATGA
 ACTACTGGGATCAGACATCCTCACTTGCCAATGGGACCTGTCTGGAGCGCGGCCACCTGCCTGCCAA
 AAGATCATGACTTGTGCTGACCTGGCGAGATACCAATGGCCATCGGACTGCCTCAGATGCTGGTTTCC
 CTGTGGGCTCCCACGTCCAGTATCGTGTCTGCCAGGTACAGCCTGGAAGGAGCAGCTGTGCTCACCTG
 CTACAGCCGGGACACAGGCACACCAAGTGGAGTATCGGGTCCCCAAATGCGCCTAAAGTACGAGCCG
 TGCTGAACCCCGGTGTTCTGAGAATGGTTACCAAACTCTGTACAAGCATCACTACCAAGCGGGCGAGT
 CGCTACGTTCTTCTGCTACGAGGGCTTTGAGCTCATCGCGAGGTCACCATCACATGTGTACCCGTC
 CCCCTCCAGTGGACCAGCCAGCCCCACTCTGCAAAGTACCCAGACTACAGACCCATCACGGCAGCTG
 GAGGGTGGTAATCTCGTTTGGCCATCCTGTTGCCCTGGGCTTGGTCATTGTCTTGGCATTGGCGTTT
 ACATATACTACACTAAGCTACAAGGAAATCCCTCTTTGGCTTCTCGGGTCTCACTCTTACAGTCCCAT
 TACGGTGGAGTCAAGTCTCAGCAACCCACTGTATGAAGCTGGGGATACGAGGGAGTGAAGTTCCATC
 TGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN:	NM_001252566
Insert Size:	2733 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_001252566.1</u> , <u>NP_001239495.1</u>
RefSeq Size:	3773 bp
RefSeq ORF:	2733 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 (2) uses a different splice site in the 5' coding region and lacks an alternate exon in the 3' coding region, compared to variant 1. The resulting protein (isoform 2) is shorter when it is compared to isoform 1.</p>