

Product datasheet for **MC222622**

Sez6l2 (NM_144926) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sez6l2 (NM_144926) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sez6l2
Synonyms:	AI835913; AW121566; BSRP-A; Psk1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>MC222622 representing NM_144926
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGGGACTCCCAAGGCCAGCACCCGCCGCTTCCCAGCTGCTGCTCCTAATTCTGCTGAGCTGTGCCT
 GGATTGAGGGTCTGCCCCGAAGGAGGATGAGATGATGCCAGAGCCTGGAAGTGAGACTCCACAGTGGC
 CTCTGAGGACCTGGCTGAGCTGCTCCATGGGGCTTTGCTGCGGAAGGGCCAGAGATCGGCTTCTTGCCG
 GGATCTGACCCAGACCCACACTAGCCACCCCTCCAGCCGGCCAGACTCTTGACGACCTTCCCTGCCAC
 GTGCCACTGAGCCAGGGACAGGGCCTCTGACGACAGCTGTACCCCAAGGGAGTCAGGGGGCAGGCC
 CACCGCGCAGAGCTGCTGACCCACCCCTGAACTACAGCCCCGCCCGCTGGCCCCGCTCCCA
 GTCCACCCCTCAGGCCAGGGAGGAGGAGAAACCACCACCACCATCATCACCACAACAAGTGTCA
 CCACCACTGTACCAGCCAGTTCTGTGCAATAACAACATCTCGAGGGCGAAGGGTTTGTGGAGTCTCC
 GGACTTGGGGAGCACTGCCAGCCGCTCCGTGGAGCTCCTAGATTGCACCTACAGCATCCATGTCTACCT
 GGTATGGCATTGAGATTGAGTGCAGACTCAACCTGTCTCAGGAGGAAGAATTCTGGTGTGGCCG
 GTGGGGTTCTCCAGGCCTGGCCCCAGACTCCTGGCCAATTCCTCCATGCTGGGAGAAGGACAAGTGT
 GCGGAGCCCAACAACCGGCTGCTCCTGCATTTCCAGAGTCTCGAGTCCCAAGGGGAATGGCTTCAGG
 ATTCACTATCAGGCATACCTTCTGAGCTGCGGCTTCCCACCCGGCCAGCCACGGGGATGTGAGCGTGA
 CAGACTTGATCCTGGGGCACTGCCACCTTCCACTGTGACTCAGGATACCAGCTACAGGGTGGAGGAC
 CCTATTTGCCTCAATGGTACCCGGCCAGCCTGGACTGGTGAACCCCTAGCTGTACAGCATCTTGTGGT
 GGCACCATCCACAATGCCACACTGGGTGCAATTGTATCCCCTGAGCCTGGGGAGCTGCAGGGCCCAACC
 TCACCTGCCGCTGGTCAATTGAAGCGCCGAGGGACGCCGCTTCACTACACTTTGAGAGACTCACT
 GGATGAGGACAATGACCGGCTGATGGTGCCTCAGGGGAAGCCCTGTCCCCTGTGATTACGACTCT
 GACATGGATGATGCCCTGAACGCGTCTCATCAGTGTGCCAGTCCCTCTACGTAGAAGTGTCTTCAG
 AGACACCAGCCAACCCCTGCTGCTCAGCCTCCGATTTGAAGCCTTTGAGGAGGACCGCTGCTTCCCCC
 GTTCTGGCTCACGGCAATGTGACCACTACAGATCCTGAGTTCCACCCAGGAGCACTGGCCACCTTCTCA
 TGCCTCCAGGATATGCTCTGGAGCCACCAGGCCCAATGCTATCGAATGTGTGGATCCACCCGAAC
 CCCACTGGAACGACACAGAGCCAGCCTGCAAGGCCATGTGTGGAGGAGAGCTGTCTGAGCCAGTGGTGT
 GGTACTCTCTCCGACTGGCCCCAGAGTTACAGCCCTGGCCAAGACTGCGTGTGGGGCTGCACGTCCAG
 GAAGAGAAGCGCATCTTGTCCAAGTTGAAATCTTGAATGTTGCGGAAGGGGATATGCTAACACTGTTCCG
 ACGGGGACGGTCCGAGCGCTCGAGTCTGGCCAGCTGCGAGGACCTCAGCCGCGCCGCCCTCCTCTC
 CTCTGGACCTGATCTCACTCTGCAGTTTCAAGCACCCTGGTCCCCCAATCCGGGCTAGGCCAGGGT
 TTCGTGTTACATTTCAAAGAGGTCCCGAGAAACGATACGTGCCCGGAGCTACCACCACCTGAGTGGGGCT
 GGAGGACAGCATCCACGGGGACCTTATCCGGGTACAGTGTCACTATCAATGCGAGCCTGGCTATGA
 ACTACTGGGATCAGACATCCTCACTTGCCAATGGGACCTGTCTGGAGCGCGGCCACCTGCCTGCCAA
 AAGATCATGACTTGTGCTGACCTGGCGAGATACCAATGGCCATCGGACTGCCTCAGATGCTGGTTTCC
 CTGTGGGCTCCCACGTCCAGTATCGCTGTCTGCCAGGTACAGCCTGGAAGGAGCAGCTGTGCTCACCTG
 CTACAGCCGGGACACAGGCACACCAAGTGGAGTATCGGGTCCCCAAATGCGCCTTAAAGTACGAGCCG
 TGCTGAACCCCGTGTCTGAGAATGGTTACCAAACTCTGTACAAGCATCACTACCAAGCGGGCGAGT
 CGCTACGTTCTTCTGCTACGAGGGCTTTGAGCTCATCGCGAGGTCACCATCAGATGTGTACCCGTC
 CCCCTCCAGTGGACCAGCCAGCCCCACTCTGCAAAGTGGCCTATGAGGAGCTCCTGGACAACCGAAAA
 CTGGAAGTGAACAGACTACAGACCCATCAGGCAGCTGGAGGGTGGTAATCTCGCTTTGGCCATCTGT
 TGCCCTGGGCTTGGTCAATTGCTTGGCATTGGCGTTTACATACTACACTAAGCTACAAGGAAAAATC
 CCTTTTGGCTTCTCGGTTCTCACTTTACAGTCCCATTACGGTGGAGTCAGACTTCAGCAACCCACTG
 TATGAAGCTGGGATACGAGGGAGTATGAAGTTTCCATCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms:

https://cdn.origene.com/chromatograms/ja1910_e12.zip

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_144926
Insert Size:	2772 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p>
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:	BC011475 , AAH11475
RefSeq Size:	3812 bp
RefSeq ORF:	2772 bp
Locus ID:	233878
UniProt ID:	Q4V9Z5
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 (1) represents the longest transcript and it encodes the longest protein (isoform 1).</p>