

Product datasheet for MC203634

Sez6 (NM_021286) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sez6 (NM_021286) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sez6
Synonyms:	BSRP-C; D11Bhm177e; sez-6
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC053011

```

GCGGGCGGGCCCGCTGCTCTCCCGGGACCGGCTCTGCCCGCGCCACGCTCTCCAGTCCCCA
GTTCCCTACCGGGCCCGACCGGGGCGGGCCGAAGCAGCACCATGCGCCAGCAGCCTGCTGCT
CTTGCCCTCGCTGCTGGCGCTCCTGGCTCACGGACTCTCCTCAGAGGCTCCGATCACGGGGAAGTTCAT
GCCACGGGCATCAGGGAGACGGATGGGGAGCTGACCGCAGCCCTACACCTGAGCAGTCAGACCGAGGCG
TCCACTTCGTACCACAGCCCTACCCTCAAGTCTCAACCACCCACTTCTGGAAGAATTTCTTCA
AGAGGGGTAGAAAGAGAGGAAGCGCCGAGCCTGCACTGCCCTTCCAGCCGGACTCACCTACACTTT
ACTCCAAGCCCCCTCCCGCCTACCAACCAGGACAACCGCCCCGTCTTACCAGTCCGACTCCAGCCG
TGGCTGCAGCACCCAGCCCACTCCAGGGAGAACTTGGAACTAGAATCCAAACCCCTGAGCT
TTCTATCATATCGTCCCTTCTCCAGGGCCGAGTATGGCAGTGCCACACTGCTCCAGAGGACAGACCC
AGTACTACACCCCTAGCCAAGCATGGACTCCAACCTCAGGAGGCTCCTGGAGACATGGACAGACCTTGGG
TTCCAGAGGTCATGTCTAAGACCACAGGCTTGGTGTGCGAGGGAACCATGCCACCTCCACAGTTCAGG
GGATGACGAAGAGACCACTACCACCATATTACCACTACTGTACCACAGTTCCAGCCACAGGCCCTGT
AGCTGGAATTTCTCAGGCCAGAGGGCTCTCTGGATTCCCCACGGCCCCAGCTCACCTCTGATGTTG
GCCTGGACTGTTCTACTATATCTGTCTACCCTGGATATGGAGTAGAGATCAAGGTGGAGAACATCAG
CCTTCAGGAAGGGGAGACCATCACCGTGGAGGGCTGGGGGGCCCGATCCACTGCCCTTGGTAACCA
TCGTTCTGCTGAGGGGCCAGGTCATCCGACGCCCCACCAAGCAGCCCTGAGGTTCCAGAGCCTCC
CGCTACCCGCTGGGCCTGGCACTTTCCATTTCCGCTACCAAGCCTATCTCCTGAGCTGCCACTTTCCCG
ACGTCCAGCGTATGGAGATGTGACTGTCAACAGTCTCCACCCAGGAGGCAGCGCCCACTTCCATTTGTC
ACTGGCTACCAGCTCAAGGGTGCCAGGTTCCCTCACCTGTCTCAATGCCACCCAGCCCTTTTGGGATTCCC
AAGAGCCTGTTTGCATTGCTGCTTGTGGTGGAGTGATTGGAATGCCACCACTGGCCGATTGTCTCTCC
TGGCTTCCCGGGAACACTACAGCAACAACCTCACCTGCCACTGGTTGCTAGAGGCTCCAGAGGCCAGCGG
CTGCACCTGCACCTTGAAGAGTCTCCCTGGCAGAAAGACGACGACAGGCTCATATCCGCAATGGAATA
ACGTGGAGGCCCGCGGTGTACGACTCCTATGAGGTGGAATACCTGCCATTGAGGGCCTGCTCAGCTC
TGGCAGACACTTCTCGTGGAGTTCAGTACTGACAGCAGTGGGGCAGCTGCAGGCATGGCCCTGCGCTAT
GAGGCCTTCCAGCAAGGACATTGCTATGAGCCCTTTGTCAAATACGGCAACTTCAGCAGCAGTGCACCGT
CCTACCCTGTGGGTACAACCTGTGGAGTTCAGCTGTGACCTGGCTACACCCTGGAGCAGGCTCCATCAT

```



[View online >](#)

CATCGAATGCGTCGACCTCCACGACCCCCAGTGAATGAGACAGAGCCAGCCTGCCGAGCCGTGTGCAGC
 GGGGAGATCACAGACTCTGCAGGCGTGGTCTCTCTCAAAGTGGCCGGAGCCTTATGGCCGAGGGCAGG
 ACTGCATCTGGGGTGTGCATGTGGAGGAGGACAAGCGCATCATGCTGGACATCCGAGTGTGCGCATAGG
 CTCTGGGGATGTACTGACCTTCTACGATGGGGATGACCTCACAGCCCGGGTCTGGGCCAATACTCAGGG
 CCCCCTGGCCACTTCAAGCTCTTACCTCCATGGCCGATGTCACCATCCAGTCCAGTCCAGCCTGGGA
 CCTCGGCGTGGTTACCAGCAAGGATTTGTATCCACTCTTTGAGGTTCCCGCAACGACACATGTCC
 AGAGTACCCGAGATCCCAACGGCTGGAAGAACCCATCACAGCCTGAGCTGGTGCACGGCACGGTGGTC
 ACCTATCAGTGTACCCTGGTTACCAGGTGGTGGGATCCAGTATTCTCATGTGCCAGTGGGACCTAAGCT
 GGAGTGAGGACCTGCCTTCATGCCAGAGAGTGACATCTTGCCATGACCCAGGGGATGTGGAGCACAGCCG
 ACGCCTCATATCCAGCCCCAAGTTTCCCGTGGGAGCAACTGTGCAATATGTCTGTGACCAGGGTTTTGTG
 CTGACGGGGAGTGCCATTCTCACCTGCCATGATCGGCAAGCAGGCAGTCCCAAGTGGAGTACAGGGCCC
 CCAAGTGTCTCTTGAACAATTCAAGCCGTGCCATGGCCTCAGCGCCCCGGAGAATGGTCCCGCAGCCC
 TGAGAAGCGGCTTCAACCAGCAGGGGCCACCATCCACTTCTCTGTGCCCTGGTTATGTCTGAAGGGC
 CAGGCCAGCATCAAATGCGTGCCTGGACACCCCTCGCATTGGAGTGACCCACCACCCATCTGTAGGGCTG
 CCTCTCTGGATGGTTTACAACGGCCGTAGCCTGGATGTTGCCAAGGCACCTGCCGCTCCAGTGCCT
 GGACGCTGCTCACCTGGCTGCTGCCATCTCTACCATTGGTGGCCATGGTGTTCCTGGTGGGAGGAGTG
 TACCTCTATTTTTCCAGATTCCAGGGGAAAAGTCCCCTGCAACTTCCCCGAACTCATCTCGCCCCATA
 ACCGCATCACGGTAGAGTACGATTTGACAATCCAATTATGAGACTGGATCTCTTTCTTTGCAGGAGA
 CGAGAGAAATGAAGTTTCCATCTAGGTGGGAGCAGCCTGGGGATGCACACGCAGTCCGTCATCGCAGGC
 CAGCGGCAGGGCTCCCGGCTCTCTGCTGTCCCTCACCTCTGTACATACTGCCTGGGAAGAGACACCACC
 AACCCCTTCCCCGCTGCAATGCCACAGTGACCTATTTTCTTGGCACCGCTGTGCCACTTCGGGCCCT
 TCTTTGGATTGAGGGCATCTGCCTCGGGTAGAACGTAGCTGGGACACATTACCAGCAGCCATCATTCTC
 CTGCTTCTTTTTGCCCTGGACCTCCAGCCTGGAAGTTGCAGGCTGACTGAGGAGGGGCACTTGTACAC
 ATGGCCACCATCCTGCCTGGCATGTGAGGACTCCAGGAGAGCTGACTTGACAGCAGGGTGCCTTACAG
 GGCCAGCTACCAGAGGCCAAAATTGTTCTCAACTGTGACCTTGGTAGTCTGGCGTGCCAACACCAGC
 CCCTCAGGGAGGTTTCTAGTCCCTCTCTAAAGGCTCAGAATTGGACAGTTAAGCCTTCTGCCCTGTCTG
 GGAGGTGATGATTAAGAATCCTAAAAGGTTTCCAGGACTCTATTCCAAGCTCAGGCTGGGCCCCACTGGA
 TGGATACTCAGCTCCACACAAAGCAGGACACCCACGGCTCTCCGGCATCCCTCTACTCTGAGGAGGG
 AGAGCCCTTCTTGAAGTTTATCTGGCTGTTACAAATGTCTCCTTCCCCACCAGTCCCTCTCTGAGCCA
 CTTACCATGTTCCCTTCTGCCACTGTGTTATGGCATGCCAGGAGAGGGCAGCTACATTCTGGAGAGG
 AGCAGATGTCCAAGGACCAGGAATGTGGCAGAAGTCAAGAACCCCCAGGAGCAATCTCAGTCCGGACCG
 AGGCCACTTTGTACATATGATGATTATATGGGGTCTGGGCTCCAGCCAGAGAACAATCTTTTATTCTG
 TTGTTTCTTATTAATAATGGTGTGTTTGGAAA

Restriction Sites:

Ascl-NotI

ACCN:

NM_021286

Insert Size:

2976 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).

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:

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: [BC053011](#), [AAH53011](#)

RefSeq Size: 4127 bp

RefSeq ORF: 2976 bp

Locus ID: 20370

UniProt ID: [Q7TSK2](#)

Cytogenetics: 11 46.74 cM

Gene Summary: May play a role in cell-cell recognition and in neuronal membrane signaling. Seems to be important for the achievement of the necessary balance between dendrite elongation and branching during the elaboration of a complex dendritic arbor. Involved in the development of appropriate excitatory synaptic connectivity.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).