

## Product datasheet for **RN217393**

### Sez6 (NM\_001105754) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Sez6 (NM_001105754) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sez6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF:

>RN217393 representing NM\_001105754

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGCGCCAGCAGCCCTGCTGCTCCTGCCCTCGTCTGGCGCTCCTGGCTCACGGACTCTCCTCAGAGG  
CTCCAATCACGGGGAAGGTCAAGCCACGGGCATCAGGGAGATGGATGGGGAGCTGACCCGAGCCCTAC  
ACCTGAGCAGTCAGACCGAGGCGTCCACTTCGTACCACAGCCCTACCCTCAAGCTACTCAACCACCAC  
CCACTTCTGGAGGAATTTCTTCAAGAGGGGCTAGAAGGGAGAGAGGAAGCTCCGAGGCCGCACTGCCCT  
TCCAGCCAGACTCACCTACACCCTTTACTCCAAGCCCTTCCCGCCTACCAACCAGGACAACCGCCC  
TGTCTTTACCAGTCCGACGCCAGCTGTAGCTGCGGCACCCACGCAGCCCACTCCAGAAAGAAACCTGG  
AACCCAGAGTCAGAGCCCCGGAGCTTTACATCACATCTCCCTCCCTCCAGGGCCGAGTATGGCAGTGC  
CCACACTGCACCCAGAGGACAGACCCAGCACTACACCCCCAGCCAAGCATGGACTCCAACCAGGAGGG  
TCCTGGAGACATGGGCAGACCTTGGGTTCCAGAGATCATGTCTAAGACCACAGGGCTTGGTATCGAGGGG  
ACCATTGCCACCTCCACAGCTTCAGGGGATGACGAAGAGACCACCACCACCATTACCACCGTCA  
CCACAATTCAGCCACCAGGCCCTGTAGCTGGAATTTCTCAGGCCCGGAGGGCTCTCTGGATTCCCTG  
GGTCCCCAGCGTCCCCTCTGATGTTGGCCTGGACTGTCTACTACATCTCTGTCTACCCTGGATATGGA  
GTGCGAGATCAAGTGGAAGAACATCAGCCTTCAGGAAGGAGAGACCATAACCGTGGAGGGCCTGGGGGGC  
CTGACCCACTGCCCTTGCTAACCAGTCTTCTGCTGAGGGGCCAGGTTCATCCGAGCCCCACCCACCA  
GGCAGCCGTGAGGTTCCAAAGCCTTCCACTCCCGCTGGACCTGGTACTTTCCATTTCCACTACCAAGCC  
TATCTCCTGAGCTGCCACTTTCCTCGGCGTCCAGCTTATGGAGATGTGACTGTACCAGCCTCCACCCAG  
GAGGCAGCGCCCGCTTCCACTGTCCACTGGCTACCAGTAAAGGGTCCAGGTTCTCACCTGTCTCAA  
TGCCACCCAGCCCTTTTGGGATTCCCAAGAGCCTGTCTGCAATGCTGCTTGTGGAGGAGTATCCGGAAT  
GCCACCACTGGCCGCAATTGTCTCTCCTGGCTTCCCGGGAACACAGCAACAACCTCACCTGCCACTGGC  
TGCTAGAAGCCCCGAGAGCCAGCGGCTGCACCTGCACCTTGAAGAGTCTCCCTGGCAGAAGATGACGA  
CAGGCTCATATCCGTAACGGGAATAACGTGGAGGCCCGCCAGTGTATGACTCCTATGAGGTGGAGTAC  
CTGCCATTGAGGGCCTGCTCAGTTCTGGCAGACACTTCTTCTGGAGTTCAGTACTGACAGCAGCGGGG  
CAGCCGACGGCATGGCACTGCGCTATGAGGCCCTCCAGCAAGGACATTGCTATGAGCCCTTTGTCAAATA  
CGGTAACCTCAGCAGCAGCGCACCGTCTACCCTGTGGGTACGACTGTGGAGTTCAGCTGTGACCCTGGC  
TACACCTGGAGCAGGGTCCATCATCATCGAATGCGTCGACCTCCGTGACCCCAAGTGAATGAGACAG  
AACCCAGCCTGCCGAGCCGTGTGCAGCGGGGAGATCACAGACTCTGCAGGGGTGGTCTCTCCAAACTG  
GCCGGAGCCTTATGGCCGAGGGCAGGACTGCATCTGGGGTGTGCATGTGGAGGAGGACAAGCGCATCATG  
CTGGACATCCGAGTGTGCGCATAGGCTCTGGGGATGACTGACCTTCTACGATGGGGATGACCTGACAG  
CCCGGGTCTGGGCCAATACTCAGGGCCCCGTGGCCACTTCAAGCTCTTACCTCCATGGCTGATGTAC  
CATTAGTTCCAGTCAGACCCCTGGGACGTGCGGCTGGGTTACCAGCAAGGATTTGTCATCCACTTCTTT  
GAGGTGCCCGCAATGACACATGTCCAGAGCTTCCCGAGATCCCCAACGGCTGGAAGAACCACATCACAGC  
CTGAGCTGGTGCATGGCACGGTGGTACCTATCAGTGTACCCCGGTTACCAGGTGGTGGGATCCAGTAT  
TCTCATGTGCCAGTGGGACCTGAGCTGGAGTGAGGACCTGCCCTCATGCCAGAGAGTGACATCCGCCAT  
GACCCAGGGGATGTGGAGCACAGCCGACGCTCATATCCAGCCTCAAGTTTCTGTGGGAGCAACTGTGC  
AGTATATCTGTGACCAGGGTTTTGTGCTCACGGGTAGCGCCATCCTTACTTGCCATGATCGTCAAGCGGG  
CAGTCCCAAGTGGAGTGACAGGGCCCCAAGTGTCTTTGGAACAGTTCAAACCATGTCATGGCCTCAGT  
GCCCTGAGAATGGTGCCCGCAGCCCTGAGAAGAGGCTCCACCCAGCAGGGGCCACCACTTCACTTCTCT  
GTGCCCTGGTTATGTGCTGAAGGGCCAGGCCAGCATCAAATGCGTGCCTGGACACCCCTCACATTGGAG  
TGATCCTCCACCATCTGATGGGCTGCTTCTGATGGGTTCTACAACGGCCGTAGCCTGGATGTTGCC  
AAGGCACCTGCCACCTCCAGTGCCTGGATGCTGCCACATGGCAGCTGCCATCTTCTACCATTGGTGG  
CCATGGTGTGCTGGTGGGAGGAGTGTACCTCTATTTCTCCAGACTCCAGGGAAAAGTCTCTGCAGCT  
TCCCGGAACCTATCCTCGCCCTATAACCGTATACGGTAGAGTACGATTTGACAATCCAATTATGAG  
ACCGGATCTCTTTCTTTGCAGGAGACGAGAGAAT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001105754
<b>Insert Size:</b>	2979 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001105754.2</a></u> , <u><a href="#">NP_001099224.2</a></u>
<b>RefSeq Size:</b>	3975 bp
<b>RefSeq ORF:</b>	2979 bp
<b>Locus ID:</b>	192247
<b>Cytogenetics:</b>	10q25
<b>Gene Summary:</b>	mouse homolog is upregulated by convulsant drug pentylenetetrazole and may have a role in brain seizures [RGD, Feb 2006]