

## Product datasheet for **RN209744**

### Sez6l2 (NM\_001107550) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Sez6l2 (NM_001107550) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sez6l2
Synonyms:	RGD1565281
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN209744 representing NM\_001107550  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGGACTCCCAAGGCCAGCACCCGCCGCTTCCCAGCTGTTGTTCTAATTCTGCTGAGCTGTGCCT  
 GGATTGAGGGTTTGCCTTGAAGGAGGATGAGATGATGCCAGAGCCTGGAAGTGAGACTCCACAGTGGC  
 CTCTGAGGACCTGGCTGAGCTGCTCCATGGGGCTTTGCTGCGGAAGGGCCAGAGATCGGCTTCTTGCCG  
 GGATCTGACCCAGACCCACACTAGCCACCCCTCCAGCCGGCCAGACTCTTGACAGACCCTCCCTGCCAC  
 GTGCCACTGAGCCGGGACAGGGCCTCTGACGACAGCTGTACCCTAAAGGGGTGAGAGGGTCAAGGCC  
 CACCGCACCAGAGCTGCTGACCCACCCCTGAACTACAGCCCCGCCACCTGGCCCCGCTCCCCG  
 GTCCACCCCTCAGGCCGAGGGAGGAGGAAGAAACCACCACCACCATCATACCACAACAAGTGTAA  
 CCACTACTGTACCAGCCAGTTCTGTGCAATAACAACATCTCCGAGGGGAAGGGTTTGTGGAATCTCC  
 AGACTTGGGGAGCACTGCCAGCCGCTCTGTGGAGCTCCTAGATTGCACCTACAGCATCCAGTCTACCT  
 GGTATGGCATTGAGATTGAGTGCAGACTCAACCTCTCTCAGGAGGAGGAGCTCCTGGTGTGGCTG  
 GTGGGGCTCTCCAGGCCTGGCCCCAGACTCCTGGCTAATTCCTCCATGCTGGGAGAAGGACAAGTGT  
 TCGGAGTCCAACAACCGGCTGCTCCTGCATTTCCAGAGTCTCGAGTCCCAAGGGGAATGGCTTCAGG  
 ATTCACTATCAGGCATACCTTCTGAGCTGTGGCTTCCCACCCGGCCAGCCCATGGGGACGTGAGTGTGA  
 CAGACTTGCATCCTGGGGCACCACCCTTCCACTGTGACTCAGGATACCAGCTGCAGGGTGGAGGAGAC  
 CCTCATCTGCCTCAATGGCACCCGGCCAGCCTGGACTGGTGAACCCCTAGTGCACAGCATCTTGTGGT  
 GGTACCATCCACAATGCCACACTGGGTGCAATTGTGTCCCCTGAGCCTGGGGAGCTGCAGGGCCCAACC  
 TCACCTGTCGCTGGTTCATCGAAGCAGCTGAGGGACGGCGCTACACCTGCATTTGAGAGAGTCACT  
 GGATGAGGACAATGACCGGCTGATGGTGCCTCAGGGGAAGCCCTGTCCCCTGTGATTATGACTCT  
 GACATGGATGATGTCCCAGCCTGGCCTCATCAGTGACGCCAGTCCCTCTACGTAGAAGTGTCTTCAG  
 AGACGCCAGCAACCCCTGCTGCTCAGCCTCCGGTTTGAAGCCTTTGAGGAGGATCGTGTCTCCCGCC  
 TTTCTGGCAGATGGCAATGTGACCACCACAGATCCTGAGTACCGCCAGGGGCACTGGCCACCTTCTCA  
 TGCCTCCAGGATATGCTCTGGAGCCACCAGGGCCCCCAATGCTATTGAATGTGTGGATCCCACTGAAC  
 CCCACTGGAATGACACAGAGCCAGCCTGCAAGGCCATGTGTGGAGGAGAGCTGTCTGAGCCAGTGGTGT  
 GGTACTCTCTCCGACTGGCCCCAGAGTTACAGTCTGGCCAAGACTGCGTGTGGGGCTGCACGTCCAG  
 GAAGAGAAGCGCATCTTGTCCAAGTTGAAATCTTGAATGTTCCGGAAGGGGATATGCTAACACTGTTCCG  
 ACGGTGATGGCCCGAGCCTCGAGTCTGGCCAGCTGCGGGGGCTCAGCCACGCCGCCCTCCTCTC  
 CTCTGGACCTGATCTCACTCTGCAGTTTCAGGCACCCCTGGGCCTCAAATCCGGGCTAGGCCAGGGT  
 TTCGTGTACTTCAAAGAGGTCCCGGGAACGATACGTGCCCGGAAGTCCACCTCCTGAGTGGGGCT  
 GGAGGACAGCATCCACGGGGACCTTATCCGGGGACCGTGTCACTTACCAATGCGAGCCTGGTACGA  
 ACTACTGGGATCAGACATCCTCACTTGGCAATGGACCTGTCTGGAGCGCGGCCACCTGCCTGCCAA  
 AAGATCATGACTTGTGCTGACCTGGTGGATCACTAATGGCCACCGACTGCCTCAGATGCTGGTTTTTC  
 CTGTGGGCTCCCATGTCCAGTATCGATGTCTGCCAGGATACAGCCTAGAGGGGCACTGTGCTCACCTG  
 CTACAGCCGGGACACGGGCACACCAAGTGGAGCGATCGGGTCCCCAAATGCGCCTAAAGTACGAGCCA  
 TGCTGAACCCCGGCTTCTGAGAATGGCTACCAGACATTGTACAAGCATCATTACCAAGCGGGGAGT  
 CACTACGTTCTTCTGCTATGAGGGCTTTGAGCTCATCGCGAGGTCACCATCACCTGTGTACCTGGGCA  
 CCCCTCCAGTGGACAAGCCAGCCCCACTCTGCAAAGTGGCCTATGAGGAACTCCTGGACAACCGAAAA  
 CTGGAAGTGACCCAGACTACAGATCCATCACGGCAGCTGGAGGGTGGAAATCTCGCTTTGGCTATCCTGT  
 TGCCCTGGGCTTGGTATTGTCTTGGCACTGGTGTACATATACTACACTAAGCTACAAGGAAAAATC  
 CCTTTTGGCTTCTCGGCTCTCACTCTACAGTCCATTACCGTGGAGTCAGACTTCAGCAACCCACTG  
 TATGAAGCTGGGATAACAAGGAATATGAAGTTTCCATC**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

<b>ACCN:</b>	NM_001107550
<b>Insert Size:</b>	2772 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>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_001107550.2</a></u> , <u><a href="#">NP_001101020.1</a></u>
<b>RefSeq Size:</b>	4207 bp
<b>RefSeq ORF:</b>	2772 bp
<b>Locus ID:</b>	308988
<b>Cytogenetics:</b>	1q37