

Product datasheet for **RN200845**

Sez6l (NM_001134538) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sez6l (NM_001134538) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sez6l
Synonyms:	RGD1563628
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN200845 representing NM_001134538
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGACTGTGGACCGCCACAAGCCGCGGGACCCGACAGGATCTCTGCTCCTGGTCGCCTTGCTTCTGG
 GGAGCCCCGTGGCAGCTCGGGCGGAAGATGGTGGTCCAGAGGGAGACATGCACCCTCCACCGCCTACCT
 CCTGCCCTCTGCCTTGCTGGAGGCAGCCTGGAAGAGGGGTGACATCAGCAGCCCCAGGTCCTCCCTGCCA
 TCCCGGAAGCACTGGAAGCACTAGAAGGGTCTTGCCCCCTCTGTTCCCCGATGAGGCCAGAGTCCAGC
 ATACCCCATCCCTAAGGAAGGCTCTGCCGTCCCTGAAGCAACTCACTCAGCCCCGAGGCAGTTGAGGCC
 CCTGGCTACCCCGACAACCTGTCAGAGACTGGGATCCCTTCTCGGCTACCACGAAGCCACGTGAGCCT
 GGAGACCCGGAGCAGCCTACAGCGCCTGCGCCACTGCAGATCGCACCCCTCACCGCTCTGGCTACTACAC
 TTCCACACAGCCCGCAGCCCGCAGGCCCGGATGACAGCAGCCTCAGTAGCCCGCTGGACAAGGGTGA
 CAATGAGCTGACCGGGTCTGCCTCTGAGGAGAGCCAGGAGACCACCAGTCCACCATCGTACCACCACC
 ATCATACCACGAGCAGGCCCCAGCTCTGCGGTGTGAGCTTCTCGGACCCCGAGGGATACATTGACT
 CAAGTGATTTCCCTCCTCAGCCCTCCAGCAGCTTCTGGAATGCACCTACAATGTGACTGTCTACACTGG
 CTACGGGGTTGAACTGCAGGTGAAGAGTGTCAACCTATCTGAGGGGGAGCTGCTCTCCATCCGAGGAGTG
 GACGGCCCCACCCTGACAGTCTGGCAACCAGACTCTCCTGGTGGAGGGCCAGGTGATCCGAAGCCCCA
 CCAACACCATCTCTGTCTACTCCCGACCTTCCAGGATGACAACCTTGGGACCTTCCAGCTACATTACCA
 AGCTTTTATGCTGAGCTGCAACTTTCCCGACGGCCCGATGCTGGAGACGTCACAGTGATGGATCTGCAC
 TCTGGCGGGTGGCCCACTTCCACTGCCACCTGGGCTACGAGCTGCAGGGAGCCAAGACGCTGACCTGCA
 TCAATGCCTCAAACCCGCACTGGAGCAGCCAGGACCTGTCTGCTCAGCCCGTGTGGAGGAGACTGCA
 CAATGCCACCATCGGCCGAGTTCTGTCCCCAGTTACCCGGGAAACACCAATGGCAGCCAGCTCTGTGTG
 TGGACCATCGAGGCTCCAGAGGGCCAGAAGCTTCACTTGCATCTTGAAAGGCTACTGCTGCATGAGAAA
 ACAGGATGGTTGTCTACAGTGGACGGACAAACACGTGACGCCCTTGTACGACTCACTCCGAACAGAGAG
 CGTGCCCTTCGAGGGCCTGCTGAGCGAGGGTAGCAATATCCGCATCGAGTTCACCTCTGACCAGGGCCAG
 GCAGCCTCCGCTTCAACATTCGCTTTGAGGCCTTTGAGAAAGGCTACTGCTACGAACCCATATCCAAA
 ACGGGAATTTACCACATCGGACCCACCTATAACATCGGTACCATTGTGGAGTTCACCTGCGACCTGG
 CCACTCTCTGGAACAGGGCCAGCTGTCATTGAGTGCCTGAATGTGCGGGACCCATACTGGAATGACACG
 GAGCCTCTATGCAGAGCCATGTGTGGTGGGAGCTCTCTGCTGTGGCTGGGGTGGTGTCTCTCAAAC
 GGCCAGAGCCCTATGCAGAAGGTGAAGACTGTGTGTGAAAATCCACGTTGGGGAGGAGAAGCGGATCTT
 CCTGGACATTCACCTGAATCTAAGCAACAGCGACATCCTGACCATCTATGACGGAGATGAGGTTGTGCC
 CACGTCCTGGGCAATACTTTGGCAACAGCAGCCCTCAGAAGCTGTACTCCTCCACGCCGGACCTCACCA
 TCCAGTTCCACTCGGATCCTGCTGGCCTCATCTTTGGCAAGGGCCAGGGATTTATCATGAACTATATAGA
 GGTGTCACGGAACGACTCCTGCTCAGACTTGCCTGAAATTCAGAACGGCTGGAAAACCACTTCCACACG
 GAGCTGGTCAGGGGAGCCCGGATCACAATACCAGTGGCACCCTGGCTACGACATCGTGGGGAGTGACACC
 TCACCTGCCAGTGGACCTCAGCTGGAGCAGCGACCCCGCTTTGTGAAAAGATTATGTACTGTACTGA
 CCCCAGGGAGGTAGAGCACTCCACCCGCTCATCTCAGACCCTGTGCTGCTAGTGGGCACCACCATCCAG
 TACACCTGTAGCCCTGGGTTGTGCTTGAAGGGAGCTCTCTTCTACCTGCTACAGCCGCGAGACAGGAA
 CTCCCATCTGGACGCTCTGCCTGCCCACTGTGTCTCCGAGGAGTCCCTGGCGTGTGACAACCCAGGGCT
 GCCTGAAAACGGATACCAGATCCTGTATAAGCGGTTGTACCTACCCGGAGAGTCCCTCACGTTTATGTGC
 TACGAGGGCTTTGAGCTCATGGCGAAGTGACCATCCGGTGCATTCTGGGACAGCCGTCCTATTGGAGCG
 GGCCCTGCCATCTGTAAAGTTAACCAAGACAGTTTTGAACATGCGTTGGAAGCAGAAGCAGCAGCAGA
 GTCCTCACTGGAAGGCGGAACATGGCCCTAGCCATCTTATTCCGGTCTTCTCATCTCCTTGTACTG
 GGAGGAGCTACATCTATGTCACGAGGTGCCACAATATCCAGCCTCCGCTGCCCTCATGTACTCCC
 ATCCCTACAGCCAGATCACTGTGAAAACAGTTCGACAACCCCATCTATGAGACTGGGGAACGAGAGA
 GTATGAAGTTTCCATCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001134538
Insert Size:	2889 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>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).</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:	<u>NM_001134538.1, NP_001128010.1</u>
RefSeq Size:	3644 bp
RefSeq ORF:	2889 bp
Locus ID:	304554
Cytogenetics:	12q16