

## Product datasheet for **RN208450**

### **Siae (NM\_001108759) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Siae (NM_001108759) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Siae
Synonyms:	RGD1310431
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN208450 representing NM\_001108759  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGTTTCCCCCGGCCCTGTTGGGCTAATGCTGCTGCTCATAATCGCGCGGGTCAGCAGAGGTGCAGGTA  
 TTGGTTTTTCGCTTTGCTTCATACATCGATAATTACATGGTGTGTCAGAAGGAGCCTTCCGGGCGGTGAT  
 CTGGGGCTTTGGTACAGCTGGGGCCACAGTGACAGTGACCTTGTGCCAAGGTCAGGAAACCATCATGAAG  
 AAAGTGACCAGTGTGAAAGGACCCTCCAACACCTGGATGGTGGTGTGCTGGATCCTATGAAGCCCGGGGAC  
 CTTTTGAAGTGATGGCACAACAGACCTTGGAGACAACGAACCTCACCTGAGAGTCCACGATGTTTTATT  
 TGGCGATGTCTGGCTTTGCAGTGGGCAGAGTAACATGCAGATGACTGTTTTACAGATCTTCAACGCCTCA  
 AAGGAGTGTGCGACACCGCTGCCTACCACTGTGCGCATCTTCTGTCTCCCTACCCAGGCAGAGG  
 AGGAGCTGGCTGACCTCGATGGAGTTGACCTGTATGGTCCAAGCCCACTGCAGGAAACCTGGGTACGG  
 AAACCTCACATACATGTCTGCAGTGTGCTGGCTCTTTGGCGGTTACCTATATGACTCTGCAATATCCC  
 ATCGGGCTAGTCTCCTCCAGTTGGGGTGGGACACCCATTGAAGTCTGGTCATCTAGAAGGGCACTGAAAG  
 CCTGTGGAGTCCCTAATACAAGGGATGAACGAGTCTTTCAGCCTGAGATAAAGCCCATGAGGAATGGCTG  
 TGAGAGTAAGGAGTCTCATGTCCTTTTAGGAGGTTTGTCCCATGTATCCTGTGGCTGGACCGGCAACA  
 CACTCTGTCTCTGGAATGCCATGATCCACCCACTGCAAAACATGACTTTGAAAGGGGTGGTGTGGTATC  
 AGGGAGAGAACAATGCGAATTATAACAGGGACCTGTATGCCTGCATGTTTCTGCACTCATTGCAGACTG  
 GCGCCAGACCTTTCACCTCCGGCTCCAGGGCCAGACAGAGCATTCTTTCCATTTGGGTTTGTCCAGCTG  
 TCTTCATACCTGTTGATGAACTCATCAGATTATGGATTTCCAGAGATCCGCTGGCATCAAACAGCAGACT  
 TTGGCTGTCCCCAACCAGAAGATGCCAACACTTTTATGGCCGTCGCTATGGATCTCTGTGACCGAGA  
 CTCACCTTTTGGGAGCATCCACCCTCGAGACAAACAGACTGTGGCCTATCGCCTGCACTTGGGTGCTCGA  
 GCTGTGGCATATGGTGAGAAAAATTTGACCTTTCAAGGACCACTACCTAAGAAGATAGAACTCTTGCTC  
 GCAATGAGCTGTCAACCTCACTTATGACCAGGAAATCCAGGTGCAGAGGAAAGATAACAAGACATTTGA  
 GATCTCATGTTGCAGTGACCATCAGTGCAAATGGCTTCCAGCTCCTGTGAACACTTTCTCCACCCAGACC  
 CTGATCTGGATCTCAGTCTTGTCTGGGCACCGTGGATGCTGTTTCGCTATGCCTGGACCACATGGCCCT  
 GTGAATATAAACAGTGCGCCGTTTACCACACCAGCTCTGTCTTGCAGCTCCTCCCTTCACTGCTCGCAT  
 TACACACAGGGGAT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001108759

**Insert Size:** 1629 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:** [NM\\_001108759.1](#), [NP\\_001102229.1](#)

**RefSeq Size:** 3460 bp

**RefSeq ORF:** 1629 bp

**Locus ID:** 363045

**Cytogenetics:** 8q21