

## Product datasheet for **MC200476**

### **Siae (NM\_011734) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Siae (NM_011734) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Siae
Synonyms:	LSE; Ysg2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC007136 sequence for NM\_011734  
 CCCACGCGTCCGCCACGCGTCCGCACAAACATGGTTTTCCCGGGGCTGTGTTGGGATAGTGCTGCTC  
 ATAATCGCGCAGTACAGCAGAAGTGCAGGTATTGGTTTTCGCTTTGCTTCATACATCGATAATTACATGG  
 TGCTGCAGAAGGAGCCTTCAGGGGCTGTGATCTGGGGCTTTGGTACACCTGGAGCCACAGTGACAGTGAC  
 CTTGTGCCAAGGTGAGAAACCATCATGAAGAAAGTGACCAGTGTGAAAGAACCCTCCAACACCTGGATG  
 GTGGTACTGGACCCTATGAAGCCTGGGGACCTTTTGAAGTGTGGCGCAACAGACTTTGGGGACAATGA  
 ATTTACCCTGAGAGTCCATGATGCTTTATTTGGAGATGTCTGGCTTTGCAGTGGGCAGAGTAACATGCA  
 GATGACTGTTTACAGATCTTTAACGCCTCAAAGGAGTTGTCCGACACTGCTGCCTACCAGTCTGTGCGC  
 ATCTTCTCTGTCTCCCTACCCAATCAGAGGAGGAGTTGGATGACCTTACTGAGGTTGACCTGTCATGGT  
 CCAAGCCACCGCAGGAACTTGGGCCATGAAATTTCACTTACATGTCTGCGGTGTGCTGGCTCTTTGG  
 GCGTTACCTGTATGACACTCTGCAATATCCCATTTGGGTTGGTCTCCTCCAGTTGGGGTGGGACGTACATT  
 GAAGTCTGGTCATCTAGAAGGACACTGAAAGCCTGTGGAGTCCCTAATACAAGGGATGAAAGAGTTGGTC  
 AGCCCGAGATAAAGCCCATGAGGAATGAATGTAAACAGTGGAGTCCCTCATGTCTTTTAGGGTTGCC  
 ATCTGTTCTGTGACTGGACCGACAAGACTCTGTCTTTGGAACGCCATGATCCATCCACTGCAAAAC  
 ATGACTTTGAAAGGGTGGTGTGGTACCAGGGAGAGTCCAATGCGGATTATAACAGGGACCTGTACACCT  
 GCATGTTTCTGAACCTATTGAAGACTGGCGCCAGACCTTCCACTACGGCTCCCAGGGTCAGACAGATCG  
 TTTCTTTCCATTTGGGTTTGTCCAGCTGTCTTACATGTTAAAGAACTCATCGGATTATGGATTGCCA  
 GAGATCCGTTGGCATCAAACCTGCAGACTTTGGCCATGTCCCAACCTGAAGATGCCTAATACTTTTATGG  
 CTGTGCGTATTGACCTCTGTGATAGAGACTCACCTTTGGAAGTATCCACCCTCGAGACAAACAGACTGT  
 GGCCTATCGTCTGCACTTGGGTGCTCGAGCTGTGGCATAATGGTGAGAAAAATTTGACCTTTCAAGGACCA  
 CTACCTAAGAAGATAGAACTCTTTGGCTTCCAATGGCCTGCTCAACCTCACATATGACCAGGAAATCCAGG  
 TGCAAAATGCAAGATAACAAAACATTTGAGATCTCTGTTGTAGTGACCGTCATTGCAAAATGGCTTCCAGC  
 TCCTGTTAACACTTTCTCCACCCAGACTCTGATTTTGGATCTCAATGCTTGTCTTGGCACAGTGGTTGCT  
 GTTCGCTATGCCTGGACCACATGGCCTTGTGAATAAAGCAATGTGCTGTTTACCACACCAGCAGTATGT  
 TGCCAGCTCCTCCCTTATTGCTCAAATTTACACAGGGGTATCTAAGGACATTTGGAGTAGTGCTCGCT  
 CTTCTATAACAAGGGCAAATCCTTTAGTTTGGGTATGCAGGACTTTAAAAGATGACTGCTGTTTTTAGGGC  
 AATGGGATAAACCCTCATTGAATAGCTCCCAGCTAGCATATGGCCCTCCAGTATTCTGACATAAGCAC  
 AGGCTAGCAGATACTTGAATGCTCATCTCTGTCTCTAGTTAACCTAAGCCTCTGTGCTGGTCTAATTC  
 TCAACTATCACTGGGCCTTACTAGCATTCACTTCTTGGTATTAGTGGGAGTAATATGCCCTATTCTGT  
 GCCCTTCTCACTACTCTCGGACTGTGGACTCTCGGACCAGCAAGGGACTTTAAAGGCTGTGGAGGCTGG  
 TGCTTTGTGTGTTCTTTACAACCCCTGAAACCGCTATGCAAGTTTCAAAAAAAAAAAAAAAAAAAAAA AAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_011734

**Insert Size:** 1626 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:** [BC007136](#), [AAH07136](#)

**RefSeq Size:** 2115 bp

**RefSeq ORF:** 1626 bp

**Locus ID:** 22619

**UniProt ID:** [P70665](#)

**Cytogenetics:** 9 20.79 cM

**Gene Summary:** Catalyzes the removal of O-acetyl ester groups from position 9 of the parent sialic acid, N-acetylneuraminic acid.[UniProtKB/Swiss-Prot Function]