

Product datasheet for **MC200836**

Serinc3 (NM_012032) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Serinc3 (NM_012032) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Serinc3
Synonyms:	AA959945; AA960047; AIGP1; DIFF33; Tde1; TMS-1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC011295 sequence for NM_012032
 GGCGACGCCTCAGTCGGCAGTTAGGATCGGCTCGGAGCGGTGGGTCTCGGCCCGGCGTCACCATGGGGG
 CCGTCCTCGGCGTCTTCTCCCTCGCCAGCTGGGTCCCCTGCTCTGTAGTGGTGCATCATGTCTGCTGTG
 CAGTTGCTGTCCCATCAGTAAGAATCCACTGTAACCTCGGCTCATCTACGCTTTTATCCTCTTCTTGGC
 ACTATTGTGCTTGCATCATGATGACAGAAGGCATACAACTCACTGAAGAAGATTCTGGATTCTGTG
 AAGGAGGATTTCAAATCAAGATGGTTGATACAAAGGCAGAGAAAGATTGTGACGTGCTGGTCGGTTTTAA
 AGCTGTGATCGGATCACTTTTGTGTGGCCATCTTTTCTTTGCCTTCTTTTGTCTCATGTTAAAGTT
 AAAACAAGTAAAGATCCCAGAGCAGCAGTGCACAACGGGTTTTGGTTCTTCAAAATCGCTGCCATTATTG
 GTATCATGATTGGATCTTTCTACATCCCTGGGGGAGTTTTACTGAAGTCTGGTTTTTGTGGAATGTT
 GGGGGCTCTTTCTTATTATCATCCAGCTGGTCTCTTGGTAGACATGGCTCACTCTTGAATGAATTA
 TGGGTAATCGAATGGAGGAAGGAAACCAAGGCTCTGGTATGCTGCCTTGTCTCTTTACAAGCCTCT
 TTTACATCCTCTCCATCGTCTTTGCCGCGCTGCTACGTCTTTACACCAAGCCTGACGACTGCACAGA
 AAACAAGTCTTTCATCAGCCTCAACCTGATTTTTTGTGTTGCAGTTTCTATTGTGTCATCTCCCTAAA
 GTTCAGGAACATCAGCCTCGCTCTGGCCTCCTGCAGTCTCCATCATCACTCTGTACACCCTTTACCTCA
 CGTGGTCAGCCATGACCAATGAACCTGAGCGGTCTGCAATCCCTCCCTTATGAGCATCATCACACTT
 AACTTCACCAACTGTGTCTCCTGCAAAATCAACTACTCTTGTCTCTGCCTATGCTCCGCCGTACAGAGT
 GGACACTTTATGAATTTGGATGATATTTGGGGACTGATTATCTTTGTTTTCTGCCTTATATATTCTAGCT
 TCCGTACTTCGAGCAACAGCCAAGTTAAACAAGCTGACCCTCTCTGGGAGTGACAGTGTTATCCTTGGTGA
 TACCACCAATGGAGCCAATGATGAAGAGGATGGACAGCCACGGAGGGCTGTAGACAATGAGAAGGAGGGG
 GTGCAGTATAACTACTCCTTTTTCCACTTGATGCTCTGCTGTGCCTCCTGTACATCATGATGACCATAA
 CCAGCTGGTACAGCCCTGATGCCAAATCCAGAAGGTATCCAGCAAGTGGCTAGCTGTGTGGTTCAAAAT
 GGGCTCCAGCTGGTTGTGCCTCCTCCTTTACCTCTGGACTCTTGTGGCTCCCCTGGTCTCACAGGTCGG
 GACTTCAGCTGAGCTCAGTGTGTCAAGGACACTGATAAAGCTGACCAGAGTCTCCTTTTCTGAAAATGCA
 TATCCATTTTACGTTTTCATCAACGAGACTATTAAGTGAACGCTTTGCAGATTTGGCTGTATTCAGGTTTA
 TATCAAAAGGCAAGATTGAGTAATGCTTGATGCAGAATCTGAGCTTTCATATATATATATATATATATAT
 ATATACACACACACACACATATATGTTATTTGTAAGGCTATAGCACAAAGGGAACATTTTTGTGTTT
 TAACATGAACACAGCTGTGCTGTGAAGAGAATTCTTTATAAAGACCTGTAGATTCTACAACCTTGGTT
 TAAGTTTTAAGTTAGAAGATTGTTGGATATTTAAGGCTGTCTTTAATTTCTATTACAGTCTCCTTAAAAA
 CCAAAAAGGAATGCATTAATCCACATTTCCCTTCTTCAGAGGTGTAGTGTCTGGCTCTTGGCAAGGAAT
 TATGTATTTAGGTCAGTCCCCAGAAATGCAGCTGCTCATACAGCTGAGAGAAGGCTGTTATTGAGTTCCT
 TTACTTACTTTTTATACTACACTGATGCTGCTTGATAGAAGTCTGTGGCTTTGTGAGATATGTCACCCCA
 GTAAATGCTTTGTAGATCTGATTAATAATGAAAAGCTCACTTGAGAAACACTGCAGAGTTATGTAATGATC
 TTGTTGTGTGTGAAAGTCAAAGGCATGTGAGTTTATTACATTTGCAACATAAAAGTACTTAATTAATAA
 GATATTTAGTTAAGG

Restriction Sites: RsrII-NotI

ACCN: NM_012032

Insert Size: 1419 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>BC011295</u> , <u>AAH11295</u>
RefSeq Size:	2301 bp
RefSeq ORF:	1419 bp
Locus ID:	26943
UniProt ID:	<u>Q9QZI9</u>
Cytogenetics:	2 H3
Gene Summary:	Restriction factor required to restrict infectivity of gammaretroviruses: acts by inhibiting early step of viral infection and impairing the ability of the viral particle to translocate its content to the cytoplasm.[UniProtKB/Swiss-Prot Function]