

Product datasheet for **MC203949**

Serinc1 (NM_019760) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Serinc1 (NM_019760) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Serinc1
Synonyms:	1500011D18Rik; AI315070; AIGP-2; mKIAA1253; Tde1l; Tde2; TMS-2; Tms2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC017148
 CGCCGAGCTGGTGACGCGCGCGCGATGGGGAGCGTTCTGGGGCTGTGCTCCGTGGCGAGCTGGATTCCGT
 GTTTGTGTGGCAGTGCCCGTGTGGTGTGCCGATGCTGCCCAAGTGGGAACAACCTCCACTGTGACTAG
 ATTGATCTACGCACTTTTCTTGCCTGCGGAGTATGTGTAGCTTGTGTAATGTTAATACCAGGAATGGAA
 GAACAACGAATAAGATTCTGGGTTCTGTGAGAATGAGAAAGGTGTTGTTCCCTGTAATATCCTGGTTG
 GCTACAAAAGCTGTGATCGCCTGTGCTTTGGTTGGCCATGTTCTATCTCTCTCTCTTTACTAATGAT
 CAAGTAAAAAGCAGCAGTGACCCTAGAGCGGCAGTCCACAATGGATTCTGGTTCTTTAAATTTGCTACA
 GCAGTTGCAATTATCATTGGCGCATTCTTCATCCAGAAAGGCACCTTTACAACCTGTGTGGTTTTATGTAG
 GCATGGCGGGCGCCTTTTGTTCATCCTTATAACAAGTCTTACTTATTGATTTTGCCATTCTTGAA
 TGAATCGTGGGTTGAAAAATGGAAGAAGGGAACCAAGATGTTGGTATGCAGCCCTACTGTCAGCTACA
 GCTCTGAATTACTTGTGCTTTAGTTGCCGCTGCTATTCTTTGTCTACTACACTCACCAGCCAGCT
 GTGCAGAGAACAAGGCGTTCATCAGTGTCAACATGCTCCTCTGCATTGGCGCCTCAGTAATGTCCATTCT
 GCCAAGATCCAGGAATCACAACCAAGGCTTGGCTTGTACAGTCGTGTAATTACAGTCTACACAATG
 TATTTGACATGGTCTGCTATGACCAATGAACAGAAACAATTTGCAATCCAAGTCTACTGAGCATCATTG
 GCTTCAATACCACAAGGCTATTCCAAAGGACGGGCAGTCTGTTCAAGTGGGCATCCTCAAGGAATTAT
 AGGACTGTTCTTTTCTGCTGTGTGTTTTATTTCGAGCATCCGTACCTCCAACAACAGTCAGGTTAAT
 AAGCTGACTCTAACAAGTGTGAGTCAACATTGATAGAGGATGGGAATGGCAGAAGTGACGGATCACTAG
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 TCTCGTGAGATGAAAAGTCAGTGGACAGCAGTCTGGGTGAAAATCTCTCCAGTTGGATTGGCCTTGTGC
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 GTTGTGTAAAGTGAACACTGTTTTCTCTTGCATGAAATAGATTTACTCTGCCAATTTATCCATGTTT
 TTGCTAAGTCTATTGATGATATGAATTTGAAAGGAGAAATTTTGAATATGGTGTGAGAAAATTTGGAAAATG
 GACATTGATAGGCATATCATCTGCTTTGTGACATATGGTATTAATAACTGAAAACAATATTCTTGACAT
 TTGGGTTTCAAAATTTGTTAGCACTTATTTAGAAAATTAATTAAGTGTATGGCTGCCTTTGAAATAC
 TTGATGTGTTGTTGCTTACAGAGGACTACAAGTATAAAGCAATAGCTGTTTTAAATTTATGTAAA
 TAAGTCACAGGCTAGTTATTTGAAAATCTAAGTCACTTAAATTTGTCAGAACTTCTCTTACTAGGTA
 GGCCAGGATGTTCCATAGTTAGTGGAAAACAGTACAGGAGGTGGAGGGAAGCTAAGCAATAGACAGGAG
 CCGTCACAGGAAGTCACTGGCAATACGGGTTTAAAGCAGGTAAGTACAGGTTTTCTCTGTAAGAAA
 ATATGGCCGTACCCCGCCACCAAAAAAAAAATGATTTGCTCTTTGTGAACACACAATTATGAATTTCA
 TGGCGATGTTAACAATTTGCATTTAGACAAGGTTTTGCAAAAAGATATTGTGTTAGAAAAATTTGAACT
 AAAAGCTTCCCAACAAAATGGGAAACCTTACAGGACATAAAAACATTAGGCTCGGGTTAGGCACTAAGAT
 AAAGTCTAGTCCAGTTCTCATTTTAAAAGTCAACTAGCTCTAAAGCTAGTTAGTGACAAAAGTTGGATACC
 AAAAAATAGCCAACACTATGACATAAAAATTTGTGTTCAAAATGTACAATCACTTTATACATTATTAAT
 AGTAGATAAAATTTGTGTAATGATATCGCTGCTGCCAGCATGCTTTCTCTTTTATCCAAACATGAG
 GCCAGGAGGATAATTAACCTGAGGAATAGACAACCTTACATTTCACTACATATTTAATCATGCTTAAATGT
 TTGTATTTACTGCCATGCAATTTGATATAGTAAATCGACTAGAAAATTAGTATGCCACTTAATTAAGATAA
 AAATGCTTAGTTATTTATGTTAGTATCTAGCTTTTAAAGAACTACATGTGCTTTTAAAGTATTTATTGT
 GCAAAATGACTATAGCAGTTTCTCTCATGTTCCAGCCTTACTCTGTGTTAATACTGCTTACAATTTCTG
 AATGGCTGTGTTCTTAAATAAATGCATTCAAAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_019760

Insert Size: 1362 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:	<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>BC017148</u> , <u>AAH17148</u>
RefSeq Size:	2790 bp
RefSeq ORF:	1362 bp
Locus ID:	56442
UniProt ID:	<u>Q9QZL8</u>
Cytogenetics:	10 B4
Gene Summary:	Enhances the incorporation of serine into phosphatidylserine and sphingolipids. [UniProtKB/Swiss-Prot Function]