

Product datasheet for **MC205988**

Serinc4 (NM_001025371) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Serinc4 (NM_001025371) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Serinc4
Synonyms:	RP23-433P19.11
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC083132
 GATCCCGAATAGGAAGCCCGCGGAAGGCATCTTACAAGACTATTTGCATCTATCTACCACTTCCTGGTA
 ACCTGTATTCAATTTATGACATGTCTATGCTGCCTTAAGACGAATGATTAGGCCAGCAAAGCGACTGTCC
 AATGGGCGAAAATCCCGAGAAGCTGCTGTTTTCGTCAAGTTTTCCTCACTGGATCTACATCTAACAAA
 AATGATGGGTGCAAAAGTTGTACCCGGCCGAGCACCACCCAGGGTCTTGACAGCAGCAGCGTGGAGTC
 AGTAATGTAGTGGAAACCCCTTCAATCAGGCATCCTGCTGTGGACCTGTTTCTTGGACCACTGGCTGCC
 ACTCTCTGACAGAGTCTAGGTGTAGCCGCTGCTACATCCTCCTCCACGTGGGAGCCTCAGCAATCTG
 CTGCCTCCTGCTTTCGAAGACAGTGGTAGAAAGGGTCTGGGGCAAGCACATGGGATCCAGATGCCCTCA
 GTGCTATGTGCCACCTGTTTGGCAGCTCGGACTGCCAGTTCTCAGTGGCTCTGGCGCTGTGTATCGAG
 TGTGTGCAGGAAGTCCACCTTCCACCTGCTGCAGGCTGTGCTGTAGTTCGCCTCCACTCCCCACCAA
 CCCTCGGGCAGCTGCATAACAGCTTCTGGAGCCTCAAGCTGTTGTTCTGTTAGGTCTCTGTGTCGTT
 GCCTTCTGCATCCCTGATGAGGATCTCTCCAGCCTGGCATTATATTGGCATCTGTGGAGGCTTCACAT
 TCATCCTATTACAGCTGGTGCTTATCACAGCCTTTGCCAGTCTGGAACAAGAATTGGCAGACTGGTGC
 AGCTCAAGACTGTAGCTGGCTCCTAGGTGTGCTACTGGCCACACTAGGGTTCTACAGCATGGCGGTGTG
 GGAGCTGTGTTGCTGTTCCACCAGTACACACACCCTGACGGTTGCCTGCTCAACAAGATGTTACTCAGTC
 TGCACCTTTGCTTCTGTGGCCTCCTGTCTCTCCTCCTCCATCGCACCTTGATCCGCCGCAAGCAACCAAA
 CTCTGGCCTCCTACAAGCCTCTATCATCAGCTGTATATCATGTATCTGACCTTCTCTGCACTGTCCAGC
 CGTCCCCCAGAGACAATAACCTTTCAAGGACAGAATCACACCTTGTGTCTGCCTGGCCGGAATAAAATGG
 AACCACAAATACCGGATACCTCAGTAGCAGTGTATTAGTGTGGCATCATGTATGCTTGTGTGCTCTTTGC
 TTGCAACGAGGCTTCTACCTGGCCGAGTTATTTGGACCTTGTGGATTATCAAGGTTTACAAGTATGAG
 TTCCAGAAGCCCTCAGTCTGTTTCTGCTGCCCCAAACAGTGGAGCCAGAGGATGGGCAAGGAGCAGGG
 CCAGGTGAGCTGACCAAGAGACCCTCCAGTGTCTCAGGTGCAGAGCCAGCATCTTCTACAGCTACTC
 TGGCTTCACTTCGCCTTCTTCTTGTCTCACTCTATGTATGTTTACCCTTACCAACTGGTTTCAAGTAT
 GAGGAAGCAGAACTGGAGAAGACCTTCACTAAGGGTAGCTGGGCTACCTTCTGGGTTAAAGTTGCCTCAT
 GCTGGGCTGTGTCTCTCTATCTGGGCTGCTCCTGGCACCCTGCTGGCTCCCCACTCAGAATCACC
 ACCACCCTAGTATATTAGGCAACACTGCCATGGCATCAGTACTGCCACATAAAAAGTGGCTCTTGATCT
 GTAGTAACAACTGGGAGACAGACCCTTAGATTATGCTCTTAATCTTAGCTCCAGGAACACCCAGCTGA
 ACTCAATACCTCAAGGACAAATGAGCAGTTATCGGTGCATAGGCTCAGTAAGTATCTAAATTTGAAGAAG
 CAGACAACTCACTAGTTCATTAAGCTCAAGAGTCTAACTCCAGGAAGTAAACCCAGGAGCCTTACCT
 GATCCTAGCAGTGTGGCACAAGACCCTTCTGTTTCCAGGGCTGGAGATAAGGTGAGGAAAGACCTACA
 GAGATTGAAGATTTGGGTCTGCTCTTAGCAATCAAAGGAAATGAGTAGCTCAGCCCTAAGCAGTGGTGG
 AAGAAGCCAGACACAGAACAAACCAGGCGAGGGAAGAAGGGAGCAGAGGCTACCATAGGTTTTAATC
 CTGGTCTTGAGGTCAAAGGAAATGGAAGACAAAACACCTTCATTCCATGAGGATTGACAGAACAGAAG
 AGAATGTGAGCATCCAGAGTGGCTGACCACCAGAAGTTGGTGAGCAGCAGGATTTTTTTTTTTGGCCAA
 CTTTCAAGCAACAAAGAATGAAGAGACATAAATTTGGGTCTTAGATCCTTCCCTCTTATGACCCTCAAT
 ACCATCCTGGGGATGGTGTCCAAGGTGGTGTGGGGGATAAAAATCACAGAAAAGAAGTCTCTATAGTTC
 TTAGAGGACTCCTCTGCCATATAACTGGAGTGCTTTTCCGGTTGCAATAGTTAAATAAAGGCTTCTTCT
 GTGATGTTTTCTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_001025371

Insert Size: 1479 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>BC083132</u> , <u>AAH83132</u>
RefSeq Size:	2571 bp
RefSeq ORF:	1479 bp
Locus ID:	574418
UniProt ID:	<u>Q5XK03</u>
Cytogenetics:	2 E5
Gene Summary:	Incorporates a polar amino acid serine into membranes and facilitates the synthesis of two serine-derived lipids, phosphatidylserine and sphingolipids.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).