

Product datasheet for **SC100791**

SERINC1 (NM_020755) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SERINC1 (NM_020755) Human Untagged Clone
Tag:	Tag Free
Symbol:	SERINC1
Synonyms:	TDE1L; TDE2; TMS-2; TMS2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_020755, the custom clone sequence may differ by one or more nucleotides

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ATGGGGAGCGTCCTGGGGCTGTGCTCCATGGCGAGCTGGATACCATGTTTGTGTGGAAGTGCCCCGTGTT
TGCTATGCCGATGCTGTCTAGTGGAAACAACCTCCACTGTAAGTATGATCTATGCACCTTTCTTGCT
TGTTGGAGTATGTGTAGCTTGTGTAATGTTGATACCAGGAATGGAAGAACAACCTGAATAAGATTCCTGGA
TTTTGTGAGAATGAGAAAGGTGTGTCCTTGTAAACATTTTGGTTGGCTATAAAGCTGTATATCGTTTGT
GCTTTGGTTTGGCTATGTTCTATCTTCTCTCTTTACTAATGATCAAAGTGAAGAGTAGCAGTGATCC
TAGAGCTGCAGTGCACAATGGATTTTGGTTCTTTAAATTTGCTGCAGCAATTGCAATTATTATTGGGGCA
TTCTTCATTCCAGAAGGAACTTTTACAACCTGTGTGTTTTATGTAGGCATGGCAGGTGCCTTTTGTTC
TCCTCATACAACCTAGTCTTACTTATTGATTTTGCACATTCATGGAATGAATCGTGGGTTGAAAAATGGA
AGAAGGAACTCGAGATGTTGGTATGCAGCCTGTTATCAGCTACAGCTCTGAATTATCTGCTGTCTTTA
GTTGCTATCGTCCTGTTCTTTGTCTACTACACTCATCCAGCCAGTTGTTCCAGAAAACAAGGCGTTTCATCA
GTGTCAACATGCTCCTCTGCGTTGGTGCTTCTGTAATGTCTATACTGCCAAAAATCCAAGAATCACAAAC
AAGATCTGGTTTGTACAGTCTTCAGTAATTACAGTCTACACAATGTATTTGACATGGTCAGCTATGACC
AATGAACCAGAAACAAATGCAACCCAAGTCTACTAAGCATAATTGGCTACAATACAACAAGCACTGTCC
CAAAGGAAGGGCAGTCAGTCCAGTGGTGGCATGCTCAAGGAATTATAGGACTAATCTCTTTTGTGTG
TGTATTTTATCCAGCATCCGTACTTCAAACAATAGTCAGTTAATAAACTGACTAACAAGTATGATGAA
TCTACATTAATAGAAGATGGTGGAGCTAGAAGTATGGATCACTGGAGGATGGGGACGATGTTCCCGAG
CTGTAGATAATGAAAGGATGGTGTCACTTACAGTTATTCCTTCTTTCACTTCATGCTTTTCTGCTTTC
ACTTTATATCATGATGACCCCTTACCAACTGGTACAGGTATGAACCCTCTCGTGAGATGAAAAGTCAGTGG
ACAGCTGTCTGGGTGAAAATCTCTTCCAGTTGGATTGGCATCGTGCTGTATGTTTGGACACTCGTGGCAC
CACTTGTCTTACAAATCGTGATTTTGACTGA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_020755 unedited NGTTCACATTTGTATACGACTCACTATAGGCGGCCGGAATTCGCACCAGTCTGTATCCG CTGCTCTTGTGACGTTGTGGAGATGGGGAGCGTCTGGGGCTGTGCTCCATGGCGAGCTG GATACCATGTTTTGTGTGGAAGTGCCCGTGTGGCTATGCCGATGCTGTCTAGTGGAAA CAACTCCACTGTAAGTATGATCTATGCACTTTTCTTCTTGTGGAGTATGTGTAGC TTGTGTAATGTTGATCACCAGGAATGGAAGAACAACGAATAAGATTCTGGATTTTGTG AGAATGAGAAAAGGTGTTGTCCCTTGTAAACATTTTGGTTGGCTATAAAGCTGTATATCGTT TGTGCTTTGGTTTGGCTATGTTCTATCTTCTTCTCTTTACTAATGATCAAAGTGAAGA GTAGCAGTGATCCTAGAGCTGCAGTGCACAATGGATTTTGGTTCTTTAAATTTGCTGCAG CAATTGCAATTATTATTGGGGCATTCTTCATTCCAGAAGGAACCTTTACAACGTGTGGT TTTATGTAGGCATGGCAGGTGCCTTTTGTTCATCCTCATACAACAGTCTTACTTATTG ATTTTGCACATTCATGGAATGAATCGTGGGTTGAAAAAATGGAAGAAGGGAACTCGAGAT GTTGGTATGCAGCCTTGTATCAGCTACAGCTCTGAATTATCTGCTGTCTTTAGTTGCTA TCGTCTGTNCTTTGTCTACTACACTCATCCAGCCAGTTGTTGAGAAACAAGGCGTTCAT CAGTGTCAACATGCTCCTCTGCGGTGGTCTTTCTGTATGTCTATACTGCCAAAATCCAA GATCACACCAGATCTGGGTTGTTACAGTCTTCAGTATTACAGTCTACACATGATTTTGAC ATGGTCAGCTATGACCAATGAACCAGAACA
Restriction Sites:	NotI-NotI
ACCN:	NM_020755
Insert Size:	3000 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>NM_020755.2</u> , <u>NP_065806.1</u>
RefSeq Size:	3144 bp
RefSeq ORF:	1362 bp
Locus ID:	57515
UniProt ID:	<u>Q9NRX5</u>
Cytogenetics:	6q22.31
Domains:	TMS_TDE
Protein Families:	Transmembrane

Gene Summary: Enhances the incorporation of serine into phosphatidylserine and sphingolipids.
[UniProtKB/Swiss-Prot Function]