

Product datasheet for **SC107227**

SERINC2 (NM_178865) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SERINC2 (NM_178865) Human Untagged Clone
Tag:	Tag Free
Symbol:	SERINC2
Synonyms:	FKSG84; PRO0899; TDE2; TDE2L
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC107227 sequence for NM_178865 edited (data generated by NextGen Sequencing)

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ATGGGGGCTGCTGGGAGCCTGCTCCCTGCTCAGCTGCGCGTCTGCCTCTGCGGCTCT
GCCCCCTGCATCTGTGCAGCTGCTGCCCCGCCAGCCGCAACTCCACCGTGAGCCGCTC
ATCTTCACGTTCTTCTCTTCTGGGGTGCTGGTGTCCATCATTATGCTGAGCCCGGGC
GTGGAGAGTCAGCTCTACAAGCTGCCCTGGGTGTGTGAGGAGGGGGCCGGATCCCCACC
GTCCTGCAGGGCCACATCGACTGTGGCTCCCTGCTTGGCTACCGCGCTGTCTACCGCATG
TGCTTCGCCACGGCGGCCCTTCTTCTTTTACCCTGCTCATGCTCTGCGTGAGCAGC
AGCCGGGACCCCGGGTGCCATCCAGAATGGGTTTTGGTTCTTTAAGTTCCTGATCCTG
GTGGGCTCACCGTGGGTGCCTTCTACATTCTGACGGCTCCTTCACCAACATCTGGTTC
TACTTCGCGCTCGTGGGCTCCTTCTCTCATCCTCATCCAGCTGGTGTCTCATCGAC
TTTGCGCACTCTGGAACAGCGGTGGCTGGGCAAGGCCGAGGAGTGCATTCCCGTGCC
TGGTACGACGGCTCTTCTTCTTCACTCTCTCTTCTACTTGCTGTCGATCGCGGCCGTG
GCGCTGATGTTTATGTACTACACTGAGCCAGCGGCTGCCACGAGGGCAAGGTCTTCATC
AGCCTCAACCTCACCTTCTGTGTCTGCGTGTCCATCGTGTCTGCTGCTGCCAAGGTCCAG
GACGCCACGCCAACTCGGGTCTGCTGACGGCCTCGGTATCACCTCTACACCATGTTT
GTCACCTGGTCAGCCCTATCCAGTATCCCTGAACAGAAATGAACCCCCATTTGCCAACC
CAGCTGGGCAACGAGACAGTTGTGGCAGGCCCGAGGGCTATGAGACCCAGTGGTGGAT
GCCCCGAGCATTGTGGGCTCATCATCTTCTCTGTGCACCTCTTCATCAGTCTGCGC
TCCTCAGACCACCGGCAGGTGAACAGCCTGATGCAGACCGAGGAGTGCCACCTATGCTA
GACGCCACACAGCAGCAGCAGAGGTGGCAGCCTGTGAGGGCCGGGCTTTGACAACGAG
CAGGACGGCGTCACCTACAGTACTCTTCTTCCACTTCTGCTGGTGTGCTGCGCTCACTG
CACGTGATGATGACGCTACCAACTGGTACAAGCCCGGTGAGACCCGAAAGATGATCAGC
ACGTGGACCGCGTGTGGGTGAAGATCTGTGCCAGCTGGGCAGGGCTGCTCCTCTACCTG
TGGACCTGGTAGCCCCACTCCTCTGCGCAACCGCGACTTCAGCTGA
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Clone variation with respect to NM_178865.4
1248 g=>a

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_178865 unedited

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NNTTGTACGAATTGTATACGACTACTATAGGCGGCCGGAATTCGCACCAGAAGCCGC
CGCCATGGGGGCTGCTGGGAGCCTGCTCCCTGCTCAGCTGCGCGTCTGCCTCTGCGG
CTCTGCCCCCTGCATCTGTGCAGCTGCTGCCCCGCCAGCCGCAACTCCACCGTGAGCCG
CCTCATCTTACGTTCTTCTCTTCTGGGGTGCTGGTGTCCATCATTATGCTGAGCCC
GGGCGTGGAGAGTCAGCTCTACAAGCTGCCCTGGGTGTGTGAGGAGGGGGCCGGATCCC
CACCGTCTGCAGGGCCACATCGACTGTGGCTCCCTGCTTGGCTACCGCGCTGTCTACCG
CATGTCCTTCGCCACGGCGGCCCTTCTTCTTTTACCCTGCTCATGCTCTGCGTGAG
CAGCAGCCGGGACCCCGGGCTGCCATCCAGAATGGGTTTTGGTTCTTTAAGTTCCTGAT
CCTGGTGGGCTCACCGTGGGTGCCTTCTACATTCTGACGGCTCCTTCACCAACATCTG
GTTCTACTTCGCGCTCGTGGGCTCCTTCTCTCATCCTCATCCAGCTGGTGTGCTCAT
CGACTTTGCGCACTCCTGGAACAGCGGTGGTGGGCAAGGCCGAGGAGTGCATTCCCG
TGCCTGGTACGACGGCTCTTCTTCTTCACTCTCTTCTACTTGCTGTCGATCGCGGC
CGTGGCGCTGATGTTTATGTACTACACTGAGCCAGCGGCTGCCACGAGGGCAAGGTCTT
CATCAGCCTCACCTCACCTTCTGTGTCTGCGTGTATCGCTGCTGTGCTGCCAAGGTCCA
GACGCCACCCAACTCGGGTCTGCTGACGGCCTCGTCATCACCTCTACCCATGTTTGTG
ACTGTTCC
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Restriction Sites: NotI-NotI

ACCN: NM_178865

Insert Size: 2000 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:	<u>NM_178865.3</u> , <u>NP_849196.2</u>
RefSeq Size:	2011 bp
RefSeq ORF:	1368 bp
Locus ID:	347735
UniProt ID:	<u>Q96SA4</u>
Cytogenetics:	1p35.2
Protein Families:	Transmembrane