

Product datasheet for **SC115866**

SERINC3 (NM_006811) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SERINC3 (NM_006811) Human Untagged Clone
Tag:	Tag Free
Symbol:	SERINC3
Synonyms:	AIGP1; DIFF33; SBBI99; TDE; TDE1; TMS-1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC115866 sequence for NM_006811 edited (data generated by NextGen Sequencing)

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ATGGGGGCTGTGCTGGGTGTCTTCTCCCTCGCCAGCTGGGTTCCATGCCTCTGCAGCGGT
GCCTCATGTTTGTGTGTAGTTGCTGTCCTAACAGTAAGAATCCACGGTGA CTGCCTC
ATTTATGCTTTCATTCTCCTCCTGAGCACTGTCGTATCCTATATCATGCAGAGAAAAGAG
ATGGAACTTACTTGAAGAAGATTCTGGATTTTGTGAAGGGGATTTAAAATCCATGAG
GCTGATATAAATGCAGATAAAGATTGTGATGTGCTGGTTGGTTATAAAGCTGTGTATCGG
ATCAGCTTGGCCATGGCCATCTTTTCTTGTCTTTCTCTGCTCATGTTCAAAGTAAAA
ACAAGTAAAGATCTCCGAGCGGCAGTACACAATGGGTTTTGGTTCTTCAAATGCTGCC
CTTATTGGAATCATGGTTGGCTCTTCTACATCCCTGGGGCTATTTAGCTCAGTCTGG
TTTGTGTTGGCATGATAGGGGCCGCCCTTTCATCCTCATTAGCTGGTGTGCTGGTA
GATTTTGTCTATTCTTGAATGAATCATGGGTAATCGAATGGAAGAAGGAAACCAAGG
TTGTGGTATGCTGCTTACTGTCTTTCACAAGCGCCTTTATATCCTGTCAATCATCTGT
GTCGGGCTGCTCTATACATATTACCAAACAGATGGCTGCACAGAAAACAAGTTCTTC
ATCAGTATTAACCTGATCCTTTGCGTTGTGGCTTCTATTATATCGATCCACCCAAAATT
CAGGAACACCAGCTCGCTCCGGCCTCTTGCAGTCTCCCTCATACCCTCTACACTATG
TACCTCACCTGGTCAGCCATGTCCAATGAACCTGATCGTTCCTGCAATCCCAACCTGATG
AGCTTTATTACACGCATAACTGCACCAACCCTGGCTCCTGGAAATTCAACTGCTGTGGTC
CCTACCCCTACTCCACCATCAAAGAGTGGGTCTTACTGGATTAGATAATTTTATTGGA
CTGTTTGTCTTTGTTCTCTGCCTCTTGTATTCTAGCATCCGCACTTCCACTAATAGCCAA
GTAGACAAAGCTGACCCTGTCAGGGAGTGACAGCGTCATCCTTGGTGATACAACCTACCAGT
GGTGCCAGTGATGAAGAAGATGGACAGCCTCGGCGGGCTGTGGACAACGAGAAAGAGGGA
GTGCAATAGCTACTCCTTATTCCACCTCATGCTCTGCTTGGCTTCTTGTACATCATG
ATGACCCTGACCAGCTGGTACAGCCCTGATGCAAAGTTTCAGAGCATGACCAGCAAGTGG
CCAGCTGTGTGGGTCAAGATCAGCTCCAGCTGGGTCTGCCTCCTGCTTTACGTCTGGACC
CTTGTGGCTCCACTTGTCTCACCAGTCGGGACTTCAAGTGA

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Clone variation with respect to NM_006811.2

5' Read Nucleotide Sequence: >OriGene 5' read for NM_006811 unedited

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GTATATTTGTATCAGCACTCACTATAGGGCGGCCGCAATCGGCACGAGGTCCGGCCTG
AGAAACCGTCATGTTTCTGGGGAGTCACCTCAGCTGGCAGTTACCACCGTGTAGAAAGC
AGCCTCAGGACCGGCCACCTCCATCACTGGCGTCACCATGGGGGCTGTGCTGGGTGTCTT
CTCCCTCGCCAGCTGGGTCCATGCCTCTGCAGCGGTGCCTCATGTTTGTGTGTAGTTG
CTGTCTAACAGTAAGAATCCACGGTGA CTGCCTCATTATGCTTTCATTCTCCTCCT
GAGCACTGTCGTATCCTATATCATGCAGAGAAAAGAGATGGAACTTACTTGAAGAAGAT
TCTTGGATTTTGTGAAGGGGATTTAAAATCCATGAGGCTGATATAAATGCAGATAAAGA
TTGTGATGTGCTGGTTGGTTATAAAGCTGTGTATCGGATCAGCTTGGCCATGGCCATCTT
TTTCTTTGTCTTTCTCTGCTCATGTTCAAAGTAAAAACAAGTAAAGATCTCCGAGCGGC
AGTACACAATGGGNTTGGTTCTTCAAATGCTGCCCTATTGGAATCATGGTTGGCTC
TTTCTACATCCCTGNGGGCTATTTAGCTCAGTCTGGTTTGTGTTGGCATGATAGGGGC
CGCCCTTTCATCCTCATTAGCTGGTGTGCTGGTAGATTTTGTCTATTCTTGAATGA
ATCATGCGTAAATCGAATGGAGAACGGAACCCCAAGCTGTCGTATGCTGCTTACTGTCT
TTACAAGCGCCTTATATCCTGTAATCATCTGTGTGGCCTGCTCTAACATATTACCA
CCCAGTGGTTGCACAAAAACAGGTCTCATCAGGATAACCTGACCCTTGTGTCGNGGCTC
TATTTTGAATCCCCCAAATCAAGACCCACCCCGC

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Gene Summary:

Restriction factor required to restrict infectivity of lentiviruses, such as HIV-1: acts by inhibiting an early step of viral infection. Impairs the penetration of the viral particle into the cytoplasm (PubMed:26416733, PubMed:26416734).[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 both encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.