

## Product datasheet for **SC206810**

### SERINC5 (NM\_178276) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** SERINC5 (NM\_178276) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** SERINC5  
**Synonyms:** C5orf12; TPO1  
**ACCN:** NM\_178276  
**Insert Size:** 537 bp  
**Insert Sequence:** >SC206810 3'UTR clone of NM\_178276

The sequence shown below is from the reference sequence of NM\_178276. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTAAGAAGTGCCTTTACCTCCTGCCATGATTCTGAGGCCTCCCCAGCCATGTGGAACCTGAGAAACC
TGACCGGACTCCATTTGGCTCCTTCATTTGCAAGACATCAAGGGCTCCTTACCCACCCCTTCTCAAG
GAATTAACCTTGTGCAAGCTGACTCCCAGCACATCAAAGAATGCAATTAACCTGATAACATGCTGTGGCAA
GCTATGTCGCGAGTTCCAGGAATTTGTCCAGTTGATATTACCCTAAGCCCTGTGTTTTGTCTGGTT
GATAGCACCCAAAGCCCAGCGTCTATCACCTTGTGATGGATTTAAAGCCCTGCACCTGGAAGTGTGTTG
CTTTCCTGTAACCATTTGTCTTTTAACTTCTTTTGCCTGTTTTACTTCTGTAAGACTGCTACAGCTAG
GCTCCCCCTCCCCTCTCTAAACCAAAGTATAAAACAAAATCTAGCCCTTCTTCAGGGCCGAGAGAATT
TTGAGCACTAGCCGTCTCTCGGTCGCTGGCTAATAAAGGACTCCTCAATTCGTC
ACGCGTAAGCGGCCGCGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_178276.7](#)



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<b>Summary:</b>	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). Enhances the incorporation of serine into phosphatidylserine and sphingolipids. May play a role in providing serine molecules for the formation of myelin glycosphingolipids in oligodendrocytes (By similarity).[UniProtKB/Swiss-Prot Function]
<b>Locus ID:</b>	256987
<b>MW:</b>	20.2