

Product datasheet for **RN206698**

Serinc5 (NM_133395) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Serinc5 (NM_133395) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Serinc5
Synonyms:	Tpo1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN206698 representing NM_133395
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTGCCCGGTGCTGTGCTGGCCAGTTGGCCTGCTGCTGCGGATCTGCTGGTTGTGCCCTCTGCTGTG
GCTGCTGCCCTAAGTTCGGCAATCTCGGAGACCCGCTTCATGTATTTATTCTACTTCACCCTGGTCAT
CATCCCCTGCTGCGTGATGATGTACCCTCTGTGATGAAGCAGATGACGGAGCACATTCCCTTTTTTGA
GACTTCTGTAAAGGCATCAAAGCGGGCGACACCTGTGAGAACCTGGTGGGCTATTCGCGGTGTACAGAG
TCTGCTTTGGAATGGCTTGTCTTCTTTGTGTTTTGTGTGCTGACCTTCAAAGTCAACAACAGCAAAG
TTGTGGGCTCCATTACAACGGCTTTTGGTTCTTAAATTGCTGCTGTAGGGCCATGTGTTCAAGG
GCATTCTTCAATCCAGATCAGGAGACCTTCTGAATGTCTGGCGTATGTGGGAGCTGTGGGAGCTTCT
TCTTCATTTGATCCAGCTCCTCCTGATTGTGGAGTTGCACATAAATGGAACAAGAAGTGGACTGCAGG
CACCGTCCGTAATAAGCTGTGGTACGCCCTCCTGTCGCTGGCGACTCATCATGTATTCCATTGCCGTT
GGCGGCTTGGCCTTGATGGCAGTGTCTACACACAGTGGGATGACTGCATGGACAACAAGATTCTCCTGG
GAGTGCACGGTGGCCTATGCGTGCTAATCTCTCTGGCAGCCATCTCACCTGCGTCCAGAATCGACAGCC
ACACTCTGGGCTGCTGCAGCCAGGGCTCATAAGCTGCTATGTCACCTACCTCACCTTCTCAGCACTGACC
AGCAAGCCCGAAAAAGTAGTCAAAGATGAACACGGGAAGAATGTCACCATATGTGTGCCTGACTTCGGGC
AAGACTTTCGTCGAGATGAAAGCATGGTACCTGGCTGGGCACCCCTTCTCTTAGTTGTGTGCATCTCATA
TTCATGTTTGACATCGACGACGAGGTGAGCTCGGATGCCCTGCAGCGCGGATACGGAGCTCCTGAGCTG
GAGGTGGCCCGGTGCTGTTTCTGCTTCGGTCCAGATGGGAAGACACGGAAGAGCAGCAGAATGTCAAGG
AGGGACCAGGGTCAATTCAGATGAGAAGAAAGCACCCGCTACAGCTACTCTATTTCCACTTTGTCTT
GCTCCTGGCTTCCCTCTACGTGATGATGACTTTGACCAGCTGGTTCCACTATGAAAACGCCACCATTGAG
ACCTTCTCGTTGGGAGCTGGTCCATCTTCTGGTCAAGATGGCCTCCTGTTGGATGTGTGTGCTGCTGT
ACCTGTGGACCCTGGTGGCTCCCTTTGCTGCTCTCCAGGCAGTTCTCTGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_133395

Insert Size: 1386 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_133395.2, NP_596886.2</u>
RefSeq Size:	5410 bp
RefSeq ORF:	1386 bp
Locus ID:	170907
UniProt ID:	<u>Q63175</u>
Cytogenetics:	2q12
Gene Summary:	contains cysteine-rich, zinc-finger-like motifs; may play a role in myelin biogenesis [RGD, Feb 2006]