

Product datasheet for **RN207749**

Serinc1 (NM_182951) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Serinc1 (NM_182951) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Serinc1
Synonyms:	LRRGT00191; Tde1l; Tde2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN207749 representing NM_182951
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGGAGCGTTTTGGGGCTGTGCTCCGTGGCGAGCTGGATTCCCTGTTTGTGTGGCAGCGCCCCGTGTT
TGCTGTGCCGATGCTGTCTAGTGGGAACAACCTCACTGTGACTAGATTGATCTATGCACTTTCTTGCT
TGTGGAGTATGCGTAGCTTGTGTAATGTAATACCAGGAATGGAAGAACAACCTGAATAAGATTCCTGGG
TTCTGTGAGAATGAGAAAGGTGTTGTTCTTGTAAATTTCTGGTTGGCTACAAAGCTGTGTATCGCCTGT
GCTTTGGCCTGGCCATGTTCTATCTTCTCTCTTTACTAATGATCAAAGTGAAAAGCAGCAGCGACCC
TAGAGCCGCGGTCCACAACGGATTCTGGTTCTTTAAATTTGCTACAGCAGTTGCAATTATTATTGGCGCA
TTCTTCATCCCAGAAGGCACTTTACAACCTGTGTGTTTTATGTGGGCATGGCAGGCGCCTTTTGCTTCA
TCCTTATAACAACCTAGTCTTACTTATTGACTTTGCCATTCTTGAATGAATCCTGGGTTGAAAAATGGA
AGAAGGGAACCAAGATGTTGGTATGCAGCCCTGTTGTCAGCCACCGCTGAATTACTTGCTGTCTCTG
GTCGCCATCATCTGTTCTTTGTATACTATACTACCCAGCCAGCTGCTCAGAAAACAAGGCGTTTCA
GTGTCAACATGCTGCTCTGCATCGGCGCTGTGAATGTCCATTCTGCCAAGATCCAGGAATCACAAAC
AAGATCTGGCTTGTACAGTCTTCAGTAATTACAATCTACACAATGATTTGACATGGTCTGCTATGACT
AATGAACCAGAAACAACTGCAATCCAAGTCTGCTGAGCATCATTGGCTTCAATACCACAAGACCTGTCC
CAAAGGACGGGCAGTCTGTTCACTGGTGGCCTCAAGGAATTATAGGACTCGTTCTTCTCTGCTCTG
TGTGTTTTATTTCGAGCATCCGTACCTCCAACAACAGTCAGGTTAATAAAGTACTTAACAAGTATGAG
TCAACATTAATAGAGGACGGGAATGGCAGAAGTGACGGGTCCTAGACGATGGTGAAGGCGTCCACCGAG
CTGTAGATAACGAAAGGGATGGAGTCACTTACAGTTACTCCTTTCACTTCATGCTCTTCTGCTTTC
GCTTTACATTATGATGACCTTACCAACTGGTACAGGTATGAGCCTTCTGCTGAGATGAAGAGTCAATGG
ACAGCAGTCTGGGTGAAAATCTTCCAGTTGGATTGGCATTGTGCTGTATGTTGGACTGCTGGTGGCAC
CACTTGTCTTACCAATCGGATTTTGA**CTGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_182951

Insert Size: 1362 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: [NM_182951.1, NP_891996.1](#)
RefSeq Size: 2717 bp
RefSeq ORF: 1362 bp
Locus ID: 294421
UniProt ID: [Q7TNK0](#)
Cytogenetics: 20q12
Gene Summary: human homolog is a central nervous system specific transmembrane protein [RGD, Feb 2006]