

Product datasheet for **SC216781**

SERAC1 (NM_032861) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SERAC1 (NM_032861) Human 3' UTR Clone
Symbol:	SERAC1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_032861
Insert Size:	1877 bp



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Insert Sequence: >SC216781 3'UTR clone of NM_032861
The sequence shown below is from the reference sequence of NM_032861. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

CGGAAGTTGGACGACGCCGACAGATCCGCGAGATTCTCATTAAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAA**CGCATCGCC**
GAAGCTTTAGCCAAAGACCTTGAAAC**TA**CAGTTGTGCTCTTCCAGTTTTCATATGTGAATTCAGTGC
AAGAACTTGGTGTTCTGTTCTCTTTAAAGCTCTATGCAATCATGCAACATAGTGATCATAGCGTC
AACATGGTCTGGAGTGTGTTGCAGACTACAGAACATTGTTCTCCCTTCAAGCGCTGTAAGCACCAACC
CGGAAGTGGCAGGCACAGAAGGAAGGGCTGGATTGGGCCCTTTGGTGTAAGAAGTCCCTGTGTGCTC
CTTTATGTGTTTCGCAGTGTGGGCTTGGTGACTGGAGCAAAGCTGCTGTGAGAGAGTGTCTTTCCCATC
TGTGACTTTCTGGTGCATCCAGGAGGGGCACGGCAGTTCTGAGGTAACCTAACCTACCATAAAAAATG
CCATTAAGAGAGTACCTAAAATGGAGAGAAGAATGAACTAGAACATTCAAGACTCTTTTACTTCTGGGT
ATTGATTTGCTGTACATTTTTAAAGTTTGAGTTTTAGCTCAGTTCTACCTTTTATCTGACACATTATT
ACTAGTGTTAACTTTGTTAGACTTATTGTCATGCTGGGTCAGTTCCTTGATCTATTTTCGTATTCTT
GAGAACAAATCTTTTTCTTAGAAAAATTTAGCTTATAATAATCTTTTCAGACTGTAGCTGCCTATGC
TTGGAATTTGCTTAGATAAAGGATAAAGTAGCTAATCCATTATTGATCAGAGTATGAAGTAAACATTT
CTAAGCCATTATGAATTAGCAATTTCTAGTATCAAGATTCTCAGATTCTCTTTGGCTAAATAAACCT
TCTCTTCTCTTGCTCATTTTGCCAAGTGGTATTTAATTTGACCTCTATAGCATGTGAGTAGAGATAATCAT
GTCGATGACCTTTTTTTCTTTAGAGTAACAGCATTATTGAGATATAATTTACATACCATAAGATTCACC
CTTTTAAATTATACAATTCATTTTTGTTTTGTTTTGTTTTGTTTTAGAGACAGGGTCTGACTCTGTTGCC
AAGCTGGAGTGCAGTGGCATGATCATAGCTCATTGTAACCTCAAACCTCCTGGGCTCAAGAGATCCTTTT
GCTTCAGCCTCCCAAGCAGCTAGGACTACAGGCACATGCCACCACACTTGGGTAATTAATAATAATA
AATACTTTTTTGTAGAGACAGGGTCTCACTGTGTTGCCAGGTCTCAAACCTCCCGATCTCAAGCCACCC
TCCAAAATGCTGTGATTATAGGCCAGAGCCATTGTTCCAGGCTCAATTCATTGGTTTTAGTATAGT
TCACTGAGTTGTGCAACATCATTGCTATTTAATTTCAAGGCTATTTTCATCATCCCCAAAAGAACCCCAT
CCCATGAGCAGTCAGTTCACCTCTGCTTTCCCAAGCCTGCGGTAACACTAATCTGTTTTCTGTCTC
TATGGATTTGGGAATTTATGTAAATGGAATCATACAATATGTGGCCCTCTCTGCCTTCTTCCTTCTAT
TAGCATGTTTTCAAGGTTCAATTCATGATATAGCATGTATCAGTACTACTTCATTTCTTTTATGGCCGA
AATTACTCCATTGTATGATATGCCATGTTTCTTTATCCATTATCAGCTGATGGACATCTAGGTTCTGT
TCATTTTTGTCTATGATAAATAATGCTACCATGATCATTTGTGTACAAATTTATGTGTGGATAGATGTT
TTTGATTCTCTTGGGTGGAATTGCTGGTCAAATGGTAAGTCTATGTTTAAATTTGAAGATGGTGAAC
TTTGAGAATGAGATAGTCGAAGCTAAAACCTGGAGTATGGCATCTGAAGGTAATGGCTCATCAATAAA
CTCGATATCAACA

ACGCGTAAGCGGCGCGGCATCTAGATTCGAAGAAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCCACGCGCGCTTCTATGAAAGG

Restriction Sites: Sgfl-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_032861.4](#)

Summary:	The protein encoded by this gene is a phosphatidylglycerol remodeling protein found at the interface of mitochondria and endoplasmic reticula, where it mediates phospholipid exchange. The encoded protein plays a major role in mitochondrial function and intracellular cholesterol trafficking. Defects in this gene are a cause of 3-methylglutaconic aciduria with deafness, encephalopathy, and Leigh-like syndrome (MEGDEL). Two transcript variants, one protein-coding and the other non-protein coding, have been found for this gene. [provided by RefSeq, Aug 2012]
Locus ID:	84947
MW:	72.3