

Product datasheet for **MC204680**

Serf1 (NM_011353) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Serf1 (NM_011353) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Serf1
Synonyms:	4F5; m4F5; Msmac1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC028510 GTGGGCGGGGCGGCTGGCTGGCCGAGCGAGGCGTCGCCACATCGAGGGCCCTTGTGGGGCTCAGCCTTCT TCAGCGCCCGGCGCAACGGCTGAGCGTGCAAAGCCGCCGTTTGCTTCTCCAGGTCGCTGTCTCCAGTC TCCGGCCGGTGGACAGCATGGCCCGTGGAAATCAAAGAGAAATTGCCCGACAGAAAAACATGAAAAAGAC CCAGGAAATTAGCAAAGGAAAAAGAAAAGAGGACAGCTTGACTGCCTCTCAGAGAAAGCAGAGGGATTCA GAGATCATGCAACAAAAGCAGAAGATAGCCAATGAGAAGAAATCTATGCAGACAACAGAAAAATGATGAC TGGCTTTTGGAAAACCTGGGTGCTATTGCCAGTGGGTGCATCATACGCTCTAAGATTAATAATTTACACAG TGACTAATCATTATATGTGTTATAAATTGTCTTATAAACTATTTTAACTTTACTCTTCAGCCTATCT TAATGTGATGTTTTAAGACCATCAAAAAATAAAGTACTGACCTTGCATGTAAAAAAAAAAAAAAAAAAAAA AAA
Restriction Sites:	EcoRI-NotI
ACCN:	NM_011353
Insert Size:	189 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).



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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: [BC028510](#), [AAH28510](#)

RefSeq Size: 563 bp

RefSeq ORF: 189 bp

Locus ID: 20365

UniProt ID: [O88892](#)

Cytogenetics: 13 52.98 cM

Gene Summary: Positive regulator of amyloid protein aggregation and proteotoxicity (By similarity). Induces conformational changes in amyloid proteins, such as APP, HTT, and SNCA, driving them into compact formations preceding the formation of aggregates (By similarity).[UniProtKB/Swiss-Prot Function]