

Product datasheet for **MC200080**

Serp1 (NM_030685) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Serp1 (NM_030685) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Serp1
Synonyms:	D3Ucla1; Ramp4
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC002114 sequence for NM_030685
 GTCCGGTGGTGGACTCTTGCCCTCTCGGCCCTGCGGCCGCTCTCCCGGCACGCGCCCAAGGCTGC
 TCAGACCGCCGCGATCGGCGGCTGCCGGTGTCCAGCGCTCCGCGTCCCGGCCAGTGGCTGTAGACGGC
 GTAGGCACCGGATCAGAGCCGAGCCTCCCTCCCGGTGGCCCGGACCGGCGAGCGAGTCCGAGAG
 GTTCTTGGGGCAGGTGGCGCTGCGAAAAATGGTCGCCAAGCAGAGGATCCGATGGCCAACGAGAAGCACA
 GCAAGAACAATACTCAGCGCGGCAACGTCGCTAAGACCTCGAGAAATGCCCCGAAGAAAAGGCGTCGGT
 AGGACCCTGGTTATTGGCCCTCTTCATTTTGTGTCTGTGGCTGCAATTTTCCAGATTATTTCAAAGT
 ATCAGGATGGGCATGTGAAGTGACTGACCTTGAGATCTTCCATTCTCCTGTGAATTTAACTTGAACCTC
 ATTCCTGATGTTTCGATGCCCTAGTTAAAAACCATTGAGTAAATCGGCCTGCCTCAGAATGACTTTTCATA
 TCCGCCTTCATGTGTCATTCCAAGGTGTCTTCAAGAGTCATTCCAGGTTTGTAGTCCATGCCACAGTGC
 CTTGCAAAAGCACCACATGAATAAAGCAATAAAATTTGATTATTAAGTTCAGTAGTAGACCATACTTAT
 TCAGTACAGAATGAGTTTTATATGGTTATTAACACATGACTAATTAGATTAATCTGTGTAGACAGGGTA
 TAGATTTTGTAAACCCTAATGTGTAATGCAATTAGCTTAAATTTTGAATCTTATGGTTTTCTATAGCT
 ATGCCCTTTTACTCTTGAATTGAAAAGCACACTCCATTATAGGGACATGAACTGCCTATAATAAGGT
 GCTTTTAAATGGTCACCTACACGGCTTAGTTTTACCACAATCATTGTACCTAAAACCTTTTAAAAGCTT
 CTAGGGCATATTGTAAGTAAAGATGCTTACAGTGCATCTGTTTCTAATGATAATGTTTCTGTTACACAG
 CCTTGAATTTTGCATGAGTAAGTATAGTACCTAGGGTCCCATTGAGCCTGGATTGAACATTTTCTAAC
 TTAATCAAAGTGATTGCAGTTCCTAAAGCTATCATGGTGAATGAAATTAGAGATGGTTTGTGATG
 TCATACTGATCAGAATTATCAAAGGTTTACTGTGTAGATACGGAGAAAGACAAGAACTAAATGCCTTGT
 CGAAACATGTGGAGTCCCGTGTGCCATATGATATCTTAGCATGTTAATTGCACTTTAATACCAAAAAGG
 CACATCAACTAAAGTTTTGATTGAAATGCCCTTAGGGTCTAGGTCTATCGATCTAAATGAGCATTGGA
 ATGAAATGAATTTACTGATGAGGATCAGTCTAGTCTTCTTTGTATGACTTCGTAGTTGTGATTGATCA
 TTTTCTTTTACTAATAGTAAGGGTGAGAGTAATGAGGCAGGTTTGACATTTTCTGGTACTATTGAAAAC
 TACAATTAGTCCATTTTATGCACCTAGCCAGAACTTGGTGAGACACCAAGCAATATCTGTTTATGAATG
 GAGAGAAGCCTGCTTATGTTTGTCTTTGTTATTTGCCTCAGGAGATCTTTTTGAAATACGCTGTTTTCAA
 AGGAACAGAAGGGAAACTTGCCCTGTTCTGAGAGCAGTGTAAACCTCACAGGGCTTTGGATCCCCTCGG
 ACCCCCTTGACACAGAGGAGAAGGAAGGAAGGAGTGGGTGGGATGCACAGGAATCTTTCCTGTATCG
 GACCAGAAAGAAAGCTGGCTGTGGTCTGTAGGGTCATGACTGTTGTCTGCCTTTTTACCCTGTAAG
 TGAATCCCTGAACCTGGTCCCTCTGAAGCCAGTCTGGTTAACTAATTCTATTTTACTATAACTTTAAA
 AGTGAAAGATATTCTCTAAATTTATAGCAGGTGCCTTATTTCTTGAATCAAATCATTCCATACCAGAA
 TTTCCCTTGGTTTACTATAGATAATTGGCTTTAAGATATTCTTGTTTTTAACATACAATGTTTTAATTA
 TTTTGTAAATGCTGTAGCCATCAATCATTTTACATTTGTAAAATTACATTCCTTTGTATCATGTAAT
 TTACCTATTAGTGCATTTTATATTAGGTTGGATTATGCATATTTGGGTCAATGAAAGTTGTGTCTGTT
 TGATTTATGGTTTAAAAATAAAGTTCCTGGATATTTGATGCTGTTGTAAGAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_030685

Insert Size: 201 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: [BC002114](#), [AAH02114](#)

RefSeq Size: 2309 bp

RefSeq ORF: 201 bp

Locus ID: 28146

UniProt ID: [Q9Z1W5](#)

Cytogenetics: 3 28.58 cM

Gene Summary: Interacts with target proteins during their translocation into the lumen of the endoplasmic reticulum. Protects unfolded target proteins against degradation during ER stress. May facilitate glycosylation of target proteins after termination of ER stress. May modulate the use of N-glycosylation sites on target proteins (By similarity).[UniProtKB/Swiss-Prot Function]