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# Product datasheet for RC203767A1V

## Human SERPING1 (NM_000062) AAV Particle

### Product data:

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|---|---|
| **Product Type:** | AAV Particles |
| **Product Name:** | Human SERPING1 (NM_000062) AAV Particle |
| **Tag:** | Myc-DDK |
| **Symbol:** | SERPING1 |
| **Synonyms:** | C1IN; C1INH; C1NH; HAE1; HAE2 |
| **Mammalian Cell Selection:** | None |
| **Vector:** | pAAV-AC-Myc-DDK (PS100089) |



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**ORF Nucleotide Sequence:**

>RC203767 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCCTCCAGGCTGACCCTGCTGACCCTCCTGCTGCTGCTGCTGGCTGGGGATAGAGCCTCCTCAAATC
CAAATGCTACCAGCTCCAGCTCCCAGGATCCAGAGAGTTTGCAAGACAGAGGCGAAGGGAAGGTCGCAAC
AACAGTTATCTCCAAGATGCTATTCGTTGAACCCATCCTGGAGGTTTCCAGCTTGCCGACAACCAACTCA
ACAACCAATTCAGCCACCAAAATAACAGCTAATACCACTGATGAACCCACCACACAACCCACCACAGAGC
CCACCACCCAACCCACCATCCAACCCACCCAACCAACTACCCAGCTCCCAACAGATTCTCCTACCCAGCC
CACTACTGGGTCCTTCTGCCCAGGACCTGTTACTCTCTGCTCTGACTTGGAGAGTCATTCAACAGAGGCC
GTGTTGGGGGATGCTTTGGTAGATTTCTCCCTGAAGCTCTACCACGCCTTCTCAGCAATGAAGAAGGTGG
AGACCAACATGGCCTTTTCCCCATTCAGCATCGCCAGCCTCCTTACCCAGGTCCTGCTCGGGGCTGGGGA
GAACACCAAAACAAACCTGGAGAGCATCCTCTCTTACCCCAAGGACTTCACCTGTGTCCACCAGGCCCTG
AAGGGCTTCACGACCAAAGGTGTCACCTCAGTCTCTCAGATCTTCCACAGCCCAGACCTGGCCATAAGGG
ACACCTTTGTGAATGCCTCTCGGACCCTGTACAGCAGCAGCCCCAGAGTCCTAAGCAACAACAGTGACGC
CAACTTGGAGCTCATCAACACCTGGGTGGCCAAGAACACCAACAACAAGATCAGCCGGCTGCTAGACAGT
CTGCCCTCCGATACCCGCCTTGTCCTCCTCAATGCTATCTACCTGAGTGCCAAGTGGAAGACAACATTTG
ATCCCAAGAAAACCAGAATGGAACCCTTTCACTTCAAAAACTCAGTTATAAAAGTGCCCATGATGAATAG
CAAGAAGTACCCTGTGGCCCATTTCATTGACCAAACTTTGAAAGCCAAGGTGGGGCAGCTGCAGCTCTCC
CACAATCTGAGTTTGGTGATCCTGGTACCCCAGAACCTGAAACATCGTCTTGAAGACATGGAACAGGCTC
TCAGCCCTTCTGTTTTCAAGGCCATCATGGAGAAACTGGAGATGTCCAAGTTCCAGCCCACTCTCCTAAC
ACTACCCCGCATCAAAGTGACGACCAGCCAGGATATGCTCTCAATCATGGAGAAATTGGAATTCTTCGAT
TTTTCTTATGACCTTAACCTGTGTGGGCTGACAGAGGACCCAGATCTTCAGGTTTCTGCGATGCAGCACC
AGACAGTGCTGGAACTGACAGAGACTGGGGTGGAGGCGGCTGCAGCCTCCGCCATCTCTGTGGCCCGCAC
CCTGCTGGTCTTTGAAGTGCAGCAGCCCTTCCTCTTCATGCTCTGGGACCAGCAGCACAAGTTCCCTGTC
TTCATGGGGCGAGTATATGACCCCAGGGCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC203767 protein sequence
Red=Cloning site Green=Tags(s)

MASRLTLLTLLLLLLAGDRASSNPNATSSSSQDPESLQDRGEGKVATTVISKMLFVEPILEVSSLPTTNS
TTNSATKITANTTDEPTTQPTTEPTTQPTIQPTQPTTQLPTDSPTQPTTGSFCPGPVTLCSDLESHSTEA
VLGDALVDFSLKLYHAFSAMKKVETNMAFSPFSIASLLTQVLLGAGENTKTNLESILSYPKDFTCVHQAL
KGFTTKGVTSVSQIFHSPDLAIRDTFVNASRTLYSSSPRVLSNNSDANLELINTWVAKNTNNKISRLLDS
LPSDTRLVLLNAIYLSAKWKTTFDPKKTRMEPFHFKNSVIKVPMMNSKKYPVAHFIDQTLKAKVGQLQLS
HNLSLVILVPQNLKHRLEDMEQALSPSVFKAIMEKLEMSKFQPTLLTLPRIKVTTSQDMLSIMEKLEFFD
FSYDLNLCGLTEDPDLQVSAMQHQTVLELTETGVEAAAASAISVARTLLVFEVQQPFLFMLWDQQHKFPV
FMGRVYDPRA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:** Human

**Serotype:** AAV-2

**ACCN:** NM_000062

**ORF Size:** 1500 bp

| | |
|---|---|
| **Buffer:** | PBS with 0.001% Pluronic F68 |
| **Stability:** | AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus. |
| **RefSeq:** | NM_000062.2 |
| **RefSeq Size:** | 1984 bp |
| **RefSeq ORF:** | 1503 bp |
| **Locus ID:** | 710 |
| **UniProt ID:** | P05155 |
| **Cytogenetics:** | 11q12.1 |
| **MW:** | 55.2 kDa |