

Product datasheet for **RC223112A1V**

Human SERPING1 (NM_001032295) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SERPING1 (NM_001032295) 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:**

>RC223112 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCTCCAGGCTGACCCTGCTGACCCTCCTGCTGCTGCTGGCTGGGGATAGAGCCTCCTCAAATC
 CAAATGCTACCAGCTCCAGCTCCAGGATCCAGAGAGTTTGAAGACAGAGGCGAAGGGAAGGTGCAAC
 AACAGTTATCTCCAAGATGCTATTCTGTTGAACCCATCCTGGAGGTTTCCAGCTTGCCGACAACCAACTCA
 ACAACCAATTCAGCCACCAAAATAACAGCTAATACCACTGATGAACCCACCACACAACCCACCACAGAGC
 CCACCACCAACCCACCATCAACCCACCAACCAACTACCCAGCTCCCAACAGATTCTCCTACCCAGCC
 CACTACTGGGTCTTCTGCCAGGACCTGTTACTCTCTGCTCTGACTTGGAGAGTCATTCAACAGAGGCC
 GTGTTGGGGGATGCTTTGGTAGATTTCTCCCTGAAGCTCTACCACGCCTTCTCAGCAATGAAGAAGTGG
 AGACCAACATGGCCTTTTCCCATTAGCATCGCCAGCCTCCTTACCCAGGTCTGCTCGGGGCTGGGGA
 GAACACCAAAACAAACCTGGAGAGCATCTCTTACCCCAAGGACTTACCTGTGTCCACCAGGCCCTG
 AAGGGGTTACGACCAAAAGGTGTACCTCAGTCTCTCAGATCTTCCACAGCCCAGACCTGGCCATAAGGG
 ACACCTTTGTGAATGCCTCTCGGACCCTGTACAGCAGCAGCCCCAGAGTCCTAAGCAACAACAGTGACGC
 CAACTTGGAGCTCATCAACACCTGGGTGGCCAAGAACAACAAGATCAGCCGGCTGCTAGACAGT
 CTGCCCTCCGATACCCGCTTGTCTCTCAATGCTATCTACCTGAGTGCCAAGTGAAGACAACATTTG
 ATCCCAAGAAAACAGAATGGAACCTTTCACTTCAAAAACCTCAGTTATAAAGTGCCCATGATGAATAG
 CAAGAAGTACCCTGTGGCCATTTTATTGACCAAACTTGAAGCCAAGGTGGGCGAGCTGCAGCTCTCC
 CACAATCTGAGTTTGGTGATCCTGGTACCCAGAACCTGAAACATCGTCTTGAAGACATGGAACAGGCTC
 TCAGCCCTTCTGTTTTCAAGGCCATCATGGAGAACTGGAGATGTCCAAGTTCAGCCCACTCTCCTAAC
 ACTACCCCGCATCAAAGTGACGACCAAGCCAGGATATGCTCTCAATCATGGAGAAATTGGAATTCCTCGAT
 TTTTCTTATGACCTTAACCTGTGTGGGCTGACAGAGGACCCAGATCTTCAAGTTTCTGCGATGCAGCACC
 AGACAGTGCTGGAAGTACAGAGACTGGGGTGGAGGCGGCTGCAGCCTCCGCCATCTCTGTGGCCCGCAC
 CCTGCTGGTCTTTGAAGTGCAGCAGCCCTTCTCTTATGCTCTGGGACCAGCAGCACAAGTTCCTGTC
 TTCATGGGGCGAGTATATGACCCAGGGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC223112 protein sequence
 Red=Cloning site Green=Tags(s)

MASRLTLLTLLLLLAGDRASSNPATSSSSQDPESLQDRGEGKVATTVISKMLFVEPILEVSSLPTTNS
 TTNSATKITANTTDEPTTQPTTEPTTQPTIQPTQPTTQLPTDSPTQPTTGSFCGPVTLCSDLSEHSTEA
 VLGDALVDFSLKLYHAFSAMKKVETNMAFSPFSIASLLTQVLLGAGENTKTNLESILSYPKDFTCVHQAL
 KGFTTKGVTSVSQIFHSPDLAIRDTFVNASRTLYSSSPRVLSNNSDANLELINTWVAKNTNNKISRLLDS
 LPSDTRLVLLNAIYLSAKWKTFDPKKTRMEPFHFKNVSVIKVPMNSKKYPVAHFIDQTLKAKVGQLQLS
 HNLSLVILVPQNLKHRLEDMEQALSPSVFKAIMEKLEMSKFQPTLLTLPRIKVTSQDMLSIMKLEFFD
 FSYDLNLCLTEDPDLQVSAMQHQTIVLELTETGVEAAAASAI SVARTLLVFEVQQPFLLMLWDQQHKFPV
 FMGRVYDPRA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001032295

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:	<u>NM_001032295.1</u> , <u>NP_001027466.1</u>
RefSeq Size:	1832 bp
RefSeq ORF:	1503 bp
Locus ID:	710
UniProt ID:	<u>P05155</u>
Cytogenetics:	11q12.1
MW:	55.2 kDa