

Product datasheet for **RC218274A1V**

Human **SERPINA10** (NM_001100607) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	SERPINA10
Synonyms:	PZI; ZPI
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC218274 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGAAGGTGGTGCCAAGTCTCCTGCTCTCCGTCCTCTGGCACAGGTGTGGCTGGTACCCGGCTTGCCCC
CCAGTCCTCAGTCGCCAGAGACCCAGCCCTCAGAACCAGACCAGCAGGGTAGTGCAGGCTCCCAAGGA
GGAAGAGGAAGATGAGCAGGAGGCCAGCGAGGAGAAGGCCAGTGAGGAAGAGAAAGCCTGGCTGATGGCC
AGCAGGCAGCAGCTTGCCAAGGAGACTTCAAACCTTCGATTGAGCCTGCTGCGAAAGATCTCCATGAGGC
ACGATGGCAACATGGTCTTCTCTCCATTTGGCATGTCTTGCCATGACAGGCTTGATGCTGGGGGCCAC
AGGGCCGACTGAAACCCAGATCAAGAGAGGGCTCCACTTGCCAGGCCCTGAAGCCACCAAGCCGGGCTC
CTGCCCTCCCTCTTTAAGGGACTCAGAGAGACCTCTCCCGCAACCTGGAACCTGGGCCTCACACAGGGGA
GTTTTGCCTTCATCCACAAGGATTTTGATGTCAAAGAGACTTTCTTCAATTTATCCAAGAGGTATTTTGA
TACAGAGTGCCTGCCTATGAATTTTCGCAATGCCTCACAGGCCAAAAGGCTCATGAATCATTACATTAAC
AAAGAGACTCGGGGAAAATCCCAAAGTGTGATGAGATTAATCCTGAAACCAAATTAATTCTTGTTGG
ATTACATCTTGTTCAAAGGGAAATGGTTGACCCATTTGACCCTGTCTTACCAGAAAGTCGACACTTTCCA
CCTGGACAAGTACAAGACCATTAAGGTGCCATGATGTACGGTGCAGGCAAGTTTGCCTCCACCTTTGAC
AAGAATTTTCGTTGTCTGTCTCAAACCTGCCCTACCAAGGAAATGCCACCATGCTGGTGGTCTCATGG
AGAAAATGGGTGACCACCTCGCCCTTGAAGACTACCTGACCACAGACTTGGTGGAGACATGGCTCAGAAA
CATGAAAACCAAGAAATGGAAGTTTCTTCCGAAGTTCAAGCTAGATCAGAAGTATGAGATGCATGAG
CTGCTTAGGCAGATGGGAATCAGAAGAATCTTCTCACCTTTGCTGACCTTAGTGAACCTCTCAGCTACTG
GAAGAAATCTCAAAGTATCCAGGGTTTACAAAGAACAGTGATTGAAGTTGATGAAAGGGGCACTGAGGC
AGTGGCAGGAATCTGTGAGAAATTAAGCTTATCCATGCCTCCTGTATCAAAGTGGACCGGCCATTT
CATTTTCATGATCTATGAAGAACTCTGGAATGCTTCTGTTTCTGGGCAGGGTGGTGAATCCGACTCTCC
TA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC218274 protein sequence Red=Cloning site Green=Tags(s) MKVVPSSLLLSVLLAQVWLVPG LAPSPQSPETPAPQNQTSRVVQAPKEEEDEQEASEEKASEEEKAWLMA SRQQLAKETSNFGFSLLRKISMRHDGNMVFSPFGMSLAMTGLMLGATGPTETQIKRGLHLQALKPTKPGL LPSLFKGLRETL SRNLELGLTQGSFAFIHKDFDVKETFFNLSKRYFDETCVPMNFRNASQAKRLMNHYIN KETRGKIPKLFDEINPETKLILVDYILFKGKWLTPFDPVFTEVDTFHLDKYKTIKVPMMYGAGKFASTFD KNFRCHVLKLPYQGNATMLVVLMEKMGDHLALEDYLTDDLVTWLRNMKTRNMEVFFPKFKLDQKYEMHE LLRQMGIRRIFFSPFADLSELSATGRNLQVSRVLQRTVIEVDERGTEAVAGILSEITAYSMPPVIKVDRPF HFMIYEETSGMLLFLGRVVNPTLL TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001100607
ORF Size:	1332 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_001100607.1</u>
RefSeq Size:	2134 bp
RefSeq ORF:	1335 bp
Locus ID:	51156
UniProt ID:	<u>Q9UK55</u>
Cytogenetics:	14q32.13
MW:	50.7 kDa