

Product datasheet for **RC204186A1V**

Human PEDF (SERPINF1) (NM_002615) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PEDF (SERPINF1) (NM_002615) AAV Particle
Tag:	Myc-DDK
Symbol:	PEDF
Synonyms:	EPC-1; OI6; OI12; PEDF; PIG35
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC204186 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCAGGCCCTGGTGCTACTCCTCTGCATTGGAGCCCTCCTCGGGCACAGCAGCTGCCAGAACCCTGCCA
GCCCCCGGAGGAGGGCTCCCCAGACCCCGACAGCACAGGGGCGCTGGTGGAGGAGGAGGATCCTTTCTT
CAAAGTCCCCGTGAACAAGCTGGCAGCGGCTGTCTCAACTTCGGCTATGACCTGTACCGGTGCGATCC
AGCATGAGCCCCACGACCAACGTGCTCCTGTCTCCTCTCAGTGTGGCCACGGCCCTCTCGGCCCTCTCGC
TGGGAGCGGAGCAGCGAACAGAATCCATCATTACCGGGCTCTCTACTATGACTTGATCAGCAGCCGAGA
CATCCATGGTACCTATAAGGAGCTCCTTGACACGGTCACTGCCCGCCAGAAGAACCCTCAAGAGTGCCTCC
CGGATCGTCTTTGAGAAGAAGCTGCGCATAAAATCCAGCTTTGTGGCACCTCTGGAAGATCATATGGGA
CCAGGCCAGAGTCTGACGGGCAACCCTCGCTTGACCTGCAAGAGATCAACAACCTGGGTGAGGCGCA
GATGAAAGGGAAGCTCGCCAGGTCCACAAAGGAAATCCCGATGAGATCAGCATTCTCCTTCTCGGTGTG
GCGCACTTCAAGGGCAGTGGTAACAAAGTTGACTCCAGAAAGACTTCCCTCGAGGATTTCTACTTGG
ATGAAGAGAGGACCGTGAGGGTCCCCATGATGTCGGACCCTAAGGCTGTTTTACGCTATGGCTTGGATTC
AGATCTCAGCTGCAAGATTGCCAGCTGCCCTTGACCGGAAGCATGAGTATCATCTTCTCCTGCCCTG
AAAGTGACCCAGAATTTGACCTTGATAGAGGAGAGCCTCACCTCCGAGTTCATTATGACATAGACCGAG
AACTGAAGACCGTGACGGCGGTCTCACTGTCCCAAGCTGAAGCTGAGTTACGAAGGCGAAGTACCAA
GTCCCTGCAGGAGATGAAGCTGCAATCCTTGTTTGATTACCAGACTTTAGCAAGATCACAGGCAAAACC
ATCAAGCTGACTCAGGTGGAACACCGGGCTGGCTTTGAGTGGAACGAGGATGGGGCGGGAACACCCCCA
GCCCAGGGCTGCAGCTGCCACCTCACCTTCCCGCTGGACTATCACCTTAACGAGCCTTTCATCTTCGT
ACTGAGGGACACAGACACAGGGGCCCTTCTCTTATTGGCAAGATTCTGGACCCAGGGGCCCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC204186 protein sequence Red=Cloning site Green=Tags(s) MQALVLLLCIGALLGHSSCQNPASPPEEGSPDPDSTGALVEEEDPFFKVPVNKLAAAVSNFGYDLYRVRS SMSPTTNVLLSPLSVATALSALS LGAEQRTESIHRALYYDLISSPDIHGTYKELLDVTARQKNLKSAS RIVFEKKLRIKSSFVAPLEKSYGTRPRVLTGNPRLDLQEIINWVQAQMKGKLARSTKEIPDEISILLGV AHFKGQWVTKFDSRKTSLDFYLDEERTVRVPMMSDPKAVLRYGLSDLSCKIAQLPTGSMIIFFLPL KVTQNLTLIEESLTSEFIHDIIDRELKTVQAVLTVPKLKL SYEGEVTKSLQEMKLQSLFDSPDFSKITGKP IKLTQVEHRAGFEWNEDGAGTTPSPGLQPAHLTFPLDYHLNQPFIFVLRD TDTGALLFIGKILDPRGP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_002615
ORF Size:	1254 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_002615.4
RefSeq Size:	1552 bp
RefSeq ORF:	1257 bp
Locus ID:	5176
UniProt ID:	P36955
Cytogenetics:	17p13.3
MW:	46.4 kDa