

Product datasheet for **RC223242A1V**

Human PPEF1 (NM_152226) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PPEF1 (NM_152226) AAV Particle
Tag:	Myc-DDK
Symbol:	PPEF1
Synonyms:	PP7; PPEF; PPP7C; PPP7CA
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC223242 representing NM_152226
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGGATGCAGCAGTTCTTCAACGAAAACCAGGAGATCTGACACATCACTGAGAGCTGCGTTGATCATCC
 AGAACTGGTACCGAGGTTACAAAGCTCGACTGAAGGCCAGACAACACTATGCCCTCACCATCTTCCAGTC
 CATCGAATATGCTGATGAACAAGGCCAAATGCAGTTATCCACCTTCTTTTCTTCATGTTGAAAACTAC
 ACACATATACATAAGGAAGAGCTAGAATTAAGAAATCAGTCTCTTGAAAGCGAACAGGACATGAGGGATA
 GATGGGATTATGTGGACTCGATAGATGTCCAGACTCCTATAATGGTCTCGGCTACAATTTCTCTCAC
 TTGTACGGATATTGATTTACTTCTTGAAGCCTTCAAGGAACAACAGATACTTCATGCCATTATGTCTTA
 GAGGTGCTATTTGAAACCAAGAAAGTCTGAAGCAAATGCCGAATTTCACTCACATACAACTTCTCCCT
 CCAAAGAGGTAACAATCTGTGGTGAATTTGCATGGGAACTGGATGATCTTTTTTGTCTTCTACAAGAA
 TGGTCTCCCTCAGAGAGGAACCGTATGTTTTAATGGTGACTTTGTAGATCGAGGAAAGAATTCATA
 GAGATCCTAATGATCCTGTGTGTGAGTTTTCTGTCTACCCCAATGACCTGCACCTGAACAGAGGGAACC
 ACGAAGATTTTATGATGAATCTGAGGTATGGCTTCACGAAAGAAATTTTGCATAAATATAAGCTACATGG
 AAAAGAATCTTACAAATCTTGAAGAATTCTATGCCTGGCTCCCAATCGGTACAATCGTTGACAATGAA
 ATCCTGGTCATCCATGGTGGGATATCAGAGACCACAGACTTGAATTTACTCCACCGTGTAGAGAGGAACA
 AGATGAAATCTGTGCTGATACCACCAACGGAACAAACAGAGACCATGACACTGACTCGAAGCACAATAA
 AGTAGGTGTGACTTTTAAATGCACATGGAAGAATCAAAACAAATGGATCTCCTACTGAACACTTAACAGAG
 CATGAATGGGAACAGGTGGTGAATATATTTCTGCTTCAATTATTATGAAGAAGGCAGCAATCGAGGAG
 CTTACATCAAACTATGTTCTGGTACAACCTCTCGATTTTCCAGTACCAAGTAACATAAGCAACGTGCTT
 TCAGCCTCTTCGCCAAAGAGTGGATACTATGGAAAACAGCGCCATCAAGATATTAAAGAGAGAGATGATT
 TCACGAAAAAGTGACCTTACTCGTCTTCCAACCTCAAGACCACAGAAAATCAGGAAAACTTTCTGTGA
 GCCAGTGGGCTTTTGCATGGAGAACATTTGGGGCTGAACCTTACCATGGAGATCCCTCAGTTTCAATCT
 GGTAACATAGACCAAAATGGAACGTTGAATACATGTCCAGCTTCCAGAATATCCGCATTGAAAAACCT
 GTACAAGAGGCTCATTCTACTCTAGTTGAACTCTGTACAGATACAGATCTGACCTGGAATCATATTTA
 ATGCCATTGACACTGATCACTCAGGCCTGATCTCCGTGGAAGAATTTCTGCCATGTGGAACCTTTTATG
 TTCTCACTACAATGTTACATTGATGATCCCAAGTCAATAAGCTTGCCAACATAATGGACTTGAACAAA
 GATGGAAGCATTGACTTTAATGAGTTTTTAAAGGCTTTCTATGTAGTGCATAGATATGAAGACTTGATGA
 AACCTGATGTCACCAACCTTGGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MGCSSTKTRRSDTSLRAALIIQNWYRGYKARLKARQHYALTIFQSIIEYADEQGQMLSTFFSFMLENY
 THIHKEELELRNQSLSEQDMRDWDYVDSIDVPDSYNGPRLQFPLTCTDIDLLEAFKEQQILHAHYVL
 EVLFETKKVLKQMPNFTHIQSPSKEVTICGDLHGKLDLFLIFYKNGLPSEPNPYVFNDFVDRGKNSI
 EILMILCVSFLVYPNDLHLNRGNHEDFMMNLRYGFTKEILHKYKLHGKRILQILEEFYAWLPITGIVDNE
 ILVIHGGISETDLNLLHRVERNKMKSVLIPPTETNRDHTDSKHNVGVTFNAHGRIKTNGSPTEHLTE
 HEWEQVVTIFASANNYYEESNRGAYIKLCSGTTTPRFQYQVTKATCFQPLRQVDTMENSAILKILRERI
 SRKSDLTRAFQLQDHRKSGKLSVSQWAFCMENILGLNLPWRSLSSNLVNIDQNGNVEYMSSFNIRIEKP
 VQEAHSTLVETLYRYSLEIIFNAIDTDHSGLISVEEFAMWKLFSSHYNVHIDDSQVNKLANIMDLNK
 DGSIDFNEFLKAFYVVHRYEDLMKPDVTNLG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_152226
ORF Size:	1773 bp
Buffer:	PBS with 0.001% Pluronic F8630
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_152226.1, NP_689412.1</u>
RefSeq Size:	2687 bp
RefSeq ORF:	1776 bp
Locus ID:	5475
UniProt ID:	<u>O14829</u>
Cytogenetics:	Xp22.13
MW:	68.6 kDa