

Product datasheet for **RC209393A1V**

Human Pyrophosphatase 1 (PPA1) (NM_021129) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Pyrophosphatase 1 (PPA1) (NM_021129) AAV Particle
Tag:	Myc-DDK
Symbol:	Pyrophosphatase 1
Synonyms:	HEL-S-66p; IOPPP; PP; PP1; SID6-8061
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC209393 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGAGCGGCTTCAGCACCGAGGAGCGCGCCGCCCTTCTCCCTGGAGTACCGAGTCTTCCTCAAAAATG
AGAAAGGACAATATATCTCCATTTTCATGATTTCCAATTTATGCAGATAAGGATGTGTTTCACATGGT
AGTTGAAGTACCACGCTGGTCTAATGCAAAAATGGAGATTGCTACAAAGGACCCTTTAAACCCTATTAAA
CAAGATGTGAAAAAGGAAAACCTTCGCTATGTTGCGAATTTGTTCCCGTATAAAGGATATATCTGGAAC
ATGGTGCCATCCCTCAGACTTGGGAAGACCCAGGACACAATGATAAACATACTGGCTGTTGTGGTGACAA
TGACCCAATTGATGTGTGTGAAATTGGAAGCAAGGTATGTGCAAGAGGTGAAATAATTGGCGTGAAAGTT
CTAGGCATATTGGCTATGATTGACGAAGGGGAAACCGACTGGAAGTCATTGCCATTAATGTGGATGATC
CTGATGCAGCCAATTATAATGATATCAATGATGTCAAACGGCTGAAACCTGGCTACTTAGAAGCTACTGT
GGACTGGTTTAGAAGGTATAAGGTTCTGATGGAACCCAGAAAATGAGTTTGCCTTTAATGCAGAATTT
AAAGATAAGGACTTTGCCATTGATATTATTAAGCACTCATGACCATTTGGAAGCATTAGTGACTAAGA
AAACGAATGGAAGGAATCAGTTGCATGAATACAACCTTGTCTGAGAGCCCTTCAAGTGTGATCCTGA
TGCTGCCAGAGCCATTGTGGATGCTTTACCACCACCTGTGAATCTGCCTGCACAGTACCAACAGACGTG
GATAAGTGTTCCATCACCAGAAAAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC209393 protein sequence Red=Cloning site Green=Tags(s) MSGFSTEERAAPFSLEYRVFLKNEKGQYISPFHDIPIYADKDVHFMVVEVPRWSNAKMEIATKDPLNPIK QDVKKGKLRVYANLFPYKGYIWNYGAIPTWEDPGHNDKHTGCCGDNDPIDVCEIGSKVCARGEIIGVKV LGILAMIDEGETDWKVIAINVDDPDAANYNDINDVKRLKPGYLEATVDWFRYKVPDGKPENEFAFNAEF KDKDFAIDIIKSTHDHWKALVTKKTNGKGISCMNTTLESSEPFKCDPAARAIVDALPPCESACTVPTDV DKWFFHHQKN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_021129
ORF Size:	867 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_021129.3</u>
RefSeq Size:	1316 bp
RefSeq ORF:	870 bp
Locus ID:	5464
UniProt ID:	<u>Q15181</u>
Cytogenetics:	10q22.1
MW:	32.7 kDa