

Product datasheet for **RC223425A1V**

Human PPA2 (NM_001034191) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	PPA2
Synonyms:	FLJ20459; HSPC124; inorganic pyrophosphatase 2; MGC49850; pyrophosphatase (inorganic) 2; SID6-306
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PSI00089)
ORF Nucleotide Sequence:	>RC223425 representing NM_001034191 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGCGCGCTGCTGCGGCTGCTGCGCACGGGTGCCCCAGCCGCTGCGTGCCTGCGGTTGGGGACCACTG
CAGGGACCGGTCGCGCCGTGCTATGGCCCTGTACCACACTGAGGAGCGCGCCAGCCCTGCTCGCAGAA
TTACCGCCTCTTCTTTAAGAAATGTAAGTGGTCACTACATTTCCCTTTTCATGATATTCCTCTGAAGGTG
AACTCTAAAGAGGAAAAATGGCATTCTATGAAGAAAGCACGAAATGATGAATATGAGATTGCCACCAAGG
AGCCAATGAATCCCATTAACAATATGTAAAGGATGGAAGCTACGCTATGTGGCGAATATCTTCCCTTA
CAAGGGTTATATATGGAATTATGGTACCCTCCCTCAGACTTGGGAAGATCCCCATGAAAAAGATAAGAGC
ACGAAGTCTTTGGAGATAATGATCCTATTGATGTTTGGCAATAGGCTCAAAGATTCTTCTTGTGGAG
AAGTTATTCATGTGAAGATCCTTGAATTTTGGCTCTTATTGATGAAGGTGAAACAGATTGGAAATTAAT
TGCTATCAATGCGAATGATCCTGAAGCCTCAAAGTTTCATGATATTGATGATGTTAAGAAGTTCAAACCG
GGTTACCTGGAAGCTACTCTTAATTGGTTTAGATTATATAAGGTACCAGATGGAAAACAGAAAACCACT
TTGCTTTTAAATGGAGAATCAAAAACAAGGCTTTTGTCTTGAAGTTATTAATCCACTCATCAATGTTG
GAAAGCATTGCTTATGAAGAAGTGAATGGAGGAGCTATAAATTGCACAAACGTGCAGATATCTGATAGC
CCTTTCCGTTGCACTCAAGAGGAAGCAAGATCATTAGTTGAATCGGTATCATCTTCACCAATAAAGAAA
GTAATGAAGAAGAGCAAGTGTGGCACTTCTTGGCAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC223425 representing NM_001034191 Red=Cloning site Green=Tags(s) MSALLRLLRTGAPAAACLRGLTSAGTGSRRAMALYHTEERGQPCSQNYRLFFKNVTGHYISPFHDIPLKV NSKEENGIPMKKARNDEYEIATKEPMNPIKQYVKGKLRVYANIFPYKGYIWNNGTLPQTWEDPHEKDKS TNCFGDNDPIDVCEIGSKILSCGEVIHVILGILALIDEGETDWKLIANANDPEASKFHDIDVKKFKP GYLEATLNWFRLYKVPDGKPKENQFAFNGEFKNKAFLEVIKSTHQCWKALLMKKCNNGGAINCTNVQISDS PFRCTQEEARSLVESVSSSPNKESNEEEQVWHFLGK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001034191
ORF Size:	948 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_001034191.1</u> , <u>NP_001029363.1</u>
RefSeq Size:	1628 bp
RefSeq ORF:	950 bp
Locus ID:	27068
Cytogenetics:	4q24
MW:	35.73 kDa