

Product datasheet for **RC205333A1V**

Human ENPP4 (NM_014936) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ENPP4 (NM_014936) AAV Particle
Tag:	Myc-DDK
Symbol:	ENPP4
Synonyms:	NPP4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC205333 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAAGTTATTAGTAATACTTTTGTCTGGACTTATAACTGGTTTTAGAAGTGACTCTTCCTCTAGTT
 TGCCACCTAAGTTACTACTAGTATCCTTTGATGGCTTCAGAGCTGATTATCTGAAGAACTATGAATTTCC
 TCATCTCCAGAATTTATCAAAGAAGGTGTTTTGGTAGAGCATGTTAAAAATGTTTTATCACAAAAACA
 TTTCCAAACCACTACAGTATTGTGACAGGCTTGATGAAGAAAGCCATGGCATTGTGGCTAATTCATGT
 ATGATGCAGTCACAAAGAAACACTTTTCTGACTCTAATGACAAGGATCCTTTTGGTGGAAATGAGGCAGT
 ACCTATTTGGGTGACCAATCAGCTTCAGGAAAACAGATCAAGTGCTGCTGCTATGTGGCCTGGTACTGAT
 GTACCCATTACGATACCATCTCTTCTATTTTATGAATTACAACCTCCTAGTGCTATTTGAGGAAAGAC
 TAAATAATATTACTATGTGGCTAAACAATTCGAACCCACCACTCACCTTTGCAACACTATATTGGGAAGA
 ACCAGATGCAAGTGGCCACAAATACGGACCTGAAGATAAAGAAAACATGAGCAGAGTGTTGAAAAAATA
 GATGATCTTATCGGTGACTTAGTCCAAAGACTCAAGATGTTAGGGCTATGGGAAAATCTTAATGTGATCA
 TTACAAGTGATCATGGGATGACCCAGTGTTCTCAGGACAGACTGATAAACCTGGATTCTGCATCGATCA
 TTCATACTACACTCTTATAGATTTGAGCCCACTTGCTGCAATACTTCCCAAAATAAATAGAACAGAGGTT
 TATAACAACTGAAAACTGTAGCCCTCATATGAATGTTATCTCAAAGAAGACATTCTTAACAGATTTT
 ATTACCAACATAATGATCGAATTCAGCCCAATTATTTGGTTGCCGATGAAGGCTGGACAATTGTGCTAAA
 TGAATCATCACAAAAATTAGGTGACCATGGTTATGATAATTCTTGCCTAGTATGCATCCATTTCTAGCT
 GCCCAGGACCTGCATTTACAAAGGCTACAAGCATAGCACAATTAACATTGTGGATATTTATCCAATGA
 TGTGCCACATCCTGGGATTAACCACATCCCAATAATGGGACCTTTGGTCATACTAAGTGCTTGTAGT
 TGACCACTGGTGCAATTAATCTCCAGAAGCCATCGCGATTGTTATCGGTTCACTCTTGGTGTTAACCATG
 CTAACATGCCTCATAATAATCATGCAGATAGACTTTCTGTACCTCGTCCATTTTCTCGACTTCAGCTAC
 AAGAAGATGATGATGATCCTTTAATTGGG

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC205333 protein sequence
 Red=Cloning site Green=Tags(s)

MKLLVILLFSGELITGFRSDSSSLPPKLLLVSFDFRADYLNKYEFPHLQNFKEGVLVEHVKNVFIKT
 FPNHYSIVTGLYEESHGIVANSYDAVTKKHFSDSNKDPFWWNEAVPIWVTNQLQENRSSAAAMWPGTD
 VPIHDTISSYFMNYSVSFEERLNNITMWLNNSNPPVTFATLYWEEPASGHKYGPEDKENMSRVLKKI
 DDLIGDLVQRLKMLGLWENLNVITSDHGMTQCSQDRLINLSDCIDHSYYTLIDLSPVAAILPKINRTEV
 YNKLKNCSPHMNVYLKEDIPNRFYYQHNDRIQPIILVADEGWTIVLNESSQKLDGHGYDNLSPMHFFLA
 AHGPAFHKGKYSTINIVDIYPMCHILGLKPHPNNGTFGHTKLLVDQWCINLPEAIAIVIGSLLVLTML
 LTCLIIIMQNRLSVPRPFSRLQLQEDDDDLIG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_014936

ORF Size:

1359 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_014936.3</u>
RefSeq Size:	4697 bp
RefSeq ORF:	1362 bp
Locus ID:	22875
UniProt ID:	<u>Q9Y6X5</u>
Cytogenetics:	6p21.1
MW:	51.6 kDa