

Product datasheet for **RC207581A1V**

Human MINPP1 (NM_004897) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MINPP1 (NM_004897) AAV Particle
Tag:	Myc-DDK
Symbol:	MINPP1
Synonyms:	HIPER1; MINPP2; MIPP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC207581 representing NM_004897
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGCTACGCGCGCCCGCTGCCTCCTCCGACCTCCGTAGCGCCTGCCGCGCCCTGGCTGCGGCGCTGC
 TCTCGTCGCTTGC GCGCTGCTCTCTTCTAGAGCGAGGGACCCGGTGGCCTCGTCGCTCAGCCCCATTT
 CGGCACCAAGACTCGCTACGAGGATGTCAACCCGTGCTATTGTGCGGCCCCGAGGCTCCGTGGCGGGAC
 CCTGAGCTGCTGGAGGGGACCTGCACCCCGGTGCAGCTGGTGGCCCTCATTGCCACGGCACCCGCTACC
 CCACGGTCAAACAGATCCGCAAGCTGAGGCAGCTGCACGGGTTGCTGCAGGCCCGCGGGTCCAGGATGG
 CGGGGCTAGTAGTACCGGCAGCCGCGACCTGGGTGCAGCGCTGGCCGACTGGCCTTTGTGGTACGCGGAC
 TGGATGGACGGGACGCTAGTAGAAAAGGGACGGCAGGATATGCGACAGCTGGCGCTGCGTCTGGCCTCGC
 TCTTCCCGGCCCTTTTACGCCGTGAGAACTACGGCCGCTGCGGCTCATCACCAGTTCCAAGCACCGCTG
 CATGGATAGCAGCGCCGCTTCTGTCAGGGGCTGTGGCAGCACTACCACCTGGCTTGGCCCGCCGGAC
 GTCGCAGATATGGAGTTTGGACCTCCAACAGTTAATGATAAACTAATGAGATTTTTTATCACTGTGAGA
 AGTTTTTAACTGAAGTAGAAAAAATGTACAGCTCTTATCACGTGGAAGCCTTCAAACTGGACCAGA
 AATGCAGAACATTTTAAAAAAGTTGCAGCTACTTTGCAAGTGCCAGTAAATGATTTAAATGCAGATTTA
 ATTCAAGTAGCCTTTTACCTGTTTATTTGACCTGGCAATTAAGGTGTTAAATCTCCTTGGTGTGATG
 TTTTGGACATAGATGATGCAAGGTATTAGAATATTTAAATGATCTGAAACAATATTGAAAAAGAGGATA
 TGGGTATACTATTAACAGTCGATCCAGCTGCACCTTGTTCAGGATATCTTTCAGCACTTGGACAAAGCA
 GTTGAACAGAAACAAAGGTCTCAGCCAAATTTCTTCCAGTCATCCTCCAGTTTGGTCATGCAGAGACTC
 TTCTTCCACTGCTTTCTCATGGGCTACTTCAAAGACAAGGAACCCCTAACAGCGTACAATTACAAAAA
 ACAATGCATCGGAAGTTCCGAAGTGGTCTCATTGTACCTTATGCCTCGAACCTGATATTTGTGCTTTAC
 CACTGTGAAAAATGCTAAGACTCCTAAAGAACAAATTCGAGTGCAGATGTTATTAATGAAAGGTGTTAC
 CTTTGGCTTACTCACAAGAACTGTTTCATTTTATGAAGATCTGAAGAACCCTACAAGGACATCCTTCA
 GAGTTGTCAAACAGTGAAGAATGTGAATTAGCAAGGGCTAACAGTACATCTGATGAACTA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MLRAPGCLLRTSVAPAAALAAALLSSLARCSLLEPRDPVASSLSPYFGTKTRYEDVNPVLLSGPEAPWRD
 PELLEGTCTPVQLVALIRHGTRYPTVKQIRKLRLHGLLQARGSRDGGASSTGSRDLGAALADWPLWYAD
 WMDGQLVEKGRQDMRQLALRLASLFPALFSRENYGRLRLITSSKHRCMDSSAAFLQGLWQHYHPGLPPPD
 VADMEFGPPTVNDKLMRFFDHCEKFLTEVEKNATALYHVEAFKTPQMNIKKVAATLQVPVNDLNADL
 IQVAFFTCSDLAIKGVKSPWCDVFDIDDAKVLEYLNDLKQYWKRGYGYTINSRSSCTLFQDIFQHLDKA
 VEQKQRSQPISSPVILQFGHAETLLPLLSLMGYFKDKEPLTAYNYKKQMRKFRSGLIVPYASNLIFVLY
 HCENAKTPKEQFRVQMLLNEKVLPLAYSQETVSFYEDLKNHYKDILQSCQTSEECELARANSTDEL

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_004897

ORF Size:

1461 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_004897.2, NP_004888.2</u>
RefSeq Size:	2412 bp
RefSeq ORF:	1464 bp
Locus ID:	9562
UniProt ID:	<u>Q9UNW1</u>
Cytogenetics:	10q23.2
MW:	54.9 kDa