

Product datasheet for **RC223831A1V**

Human P4HA1 (NM_000917) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	P4HA1
Synonyms:	P4HA
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC223831 representing NM_000917
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGATCTGGTATATTAATTATAGGAATCTGCTTCCCCAGTCTTTGGCTCATCCAGGCTTTTTACTT
 CAATTGGTCAGATGACTGATTTGATCCATACTGAGAAAGATCTGGTGACTTCTCTGAAAGATTATATTAA
 GGCAGAAGAGGACAAGTTAGAACAATAAAAAATGGGCAGAGAAGTTAGATCGGCTAACTAGTACAGCG
 ACAAAGATCCAGAAGGATTTGTTGGGCATCCAGTAAATGCATTCAAATTAATGAAACGTCTGAATACTG
 AGTGGAGTGAGTTGGAGAATCTGGTCCTTAAGGATATGTCAGATGGCTTTATCTCTAACCTAACCATTC
 GAGACAGTACTTTTCTAATGATGAAGATCAGGTTGGGGCAGCCAAAGCTCTGTTACGCTCTCCAGGATACC
 TACAATTTGGATACAGATACCATCTCAAAGGTAATCTTCCAGGAGTGAAACACAAATCTTTTCTAACGG
 CTGAGGACTGCTTTGAGTTGGCAAGTGGCTATACAGAAGCAGATTATTACCATACGGAAGTGGAT
 GGAACAAGCCCTAAGGCAACTGGATGAAGGCGAGATTTCTACCATAGATAAAGTCTCTGTTCTAGATTAT
 TTGAGCTATGCGGTATATCAGCAGGGAGACCTGGATAAGGCACTTTTGCTCACAAAGAAGCTCTTTGAAC
 TAGATCCTGAACATCAGAGAGCTAATGGTAACTTAAAAATTTTGAGTATATAATGGCTAAAGAAAAAGA
 TGTCAATAAGTCTGCTTCAGATGACCAATCTGATCAGAAAACCTACACCAAGAAAAAGGGGTGCTGTG
 GATTACCTGCCAGAGAGACAGAAGTACGAAATGCTGTGCCGTGGGAGGGTATCAAAATGACCCCTCGGA
 GACAGAAAAAACTCTTTTGCCGCTACCATGATGGAAACCGTAATCCTAAATTTATTCTGGCTCCAGCTAA
 ACAGGAGGATGAATGGGACAAGCCTCGTATTATTCGCTTCCATGATATTATTTCTGATGCAGAAATTGAA
 ATCGTCAAAGACCTAGCAAAACCAAGGCTGAGGCGAGCCACCATTTCAAACCAATAACAGGAGACTTGG
 AGACGGTACATTACAGAATTAGCAAAAGTGCCTGGCTCTCTGGCTATGAAAATCCTGTGTGCTCGAAT
 TAATATGAGAATACAAGATCTAACAGGACTAGATGTTTCCACAGCAGAGGAATTACAGGTAGCAAAATTAT
 GGAGTTGGAGGACAGTATGAACCCCATTTTGACTTTGCACGAAAGATGAGCCAGATGCTTTCAAAGAGC
 TGGGGACAGGAAATAGAATTGCTACATGGCTGTTTATATGAGTGATGTGTCTGCAGGAGGAGCCACTGT
 TTTTCTGAAGTTGGAGCTAGTGTGGCCCAAAAAAGGAAGTCTGTTTTCTGGTATAATCTGTTTGCC
 AGTGGAGAGAAGGAGATTATAGTACACGGCATGCAGCCTGTCCAGTGCTAGTTGGCAACAAATGGGTATCCA
 ATAAATGGCTCCATGAACGTGGACAAGAATTCGAAGACCTTGACGTTGTGAGAATTGGAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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MIWYILIIIGILLPQSLAHPGFFTSIGQMTDLIHTEKDLVTSCLKDYIKAEEDKLEQIKKWAELDRLTSTA
 TKDPEGFVGHVPVNAFKLMKRLNTEWSELENLVLKDMSDGFISNLTIQRQYFPNDEDQVGAALKALLRLQDT
 YNLDTDTISKGNLPGVKHKSFLTAEDEFELGKVAYTEADYYHTELWMEQALRQLDEGEISTIDKVSVDY
 LSYAVYQQGDLDKALLLTKLLELDPEHQANGNLKYFEYIMAKEKDVNSASDDQSDQKTPPKKGVAV
 DYLPERQKYEMLCRGEIKMTPRRQKKLFCRYHDGNRNPFIAPAKQEDEWDKPRIIRFHDIISDAEIE
 IVKDLAKPRLRRATISNPITGDLETVHYRISKSAWLSGYENPVVSRINMRIQDLTGLDVSTAEELQVANY
 GVGQYEPHDFARKDEPDAFKELGTGNRIATWLFYMSDVSAGGATVFPEVGASVWPKKGTAVFWYNLFA
 SGEQDYSTRHAACPVLGNKWVSNKWLHERGQEFRRPCTLSELE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_000917
ORF Size: 1602 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:	NM_000917.2
RefSeq Size:	2752 bp
RefSeq ORF:	1605 bp
Locus ID:	5033
UniProt ID:	P13674
Cytogenetics:	10q22.1
MW:	61.05 kDa