

Product datasheet for **RC206645A1V**

Human RHPN1 (NM_052924) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human RHPN1 (NM_052924) AAV Particle
Tag:	Myc-DDK
Symbol:	RHPN1
Synonyms:	ODF5; RHOPHILIN; RHPN
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC206645 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGATCCTGGAGGAGAGGCCGGACGGCGGGCGCCGGCGAGGAGAGCCCGGGCTGCAGGGCTGTGACT
CCCTGACGCAGATCCAGTGCGGCCAGCTGCAGAGCCGCAGGGCCAGATTCAACAGCAGATTGACAAGGA
GCTGCAGATGCGGACGGGCGCTGAGAACCTCTACAGAGCCACCAGCAACAACCGGTGAGAGAGACGGTC
GCCCTGGAGCTGAGCTACGTCAACTCCAACCTGCAGCTGCTGAAGGAGGAGCTGGAGGAGCTCAGCGGTG
GCGTGGACCTGGCCGGCATGGGAGCGAAGCTGTCACTGTCCCCATGATCCCCCTGGGCCTGAAGGAGAC
CAAGGAGCTGGACTGGTCTACACCGTGAAGGAGCTGATCTCAGTGCACCTTTGGAGAGGACGGCGCTCC
TACGAGGCAGAAATCAGGGAGCTGGAGGCCCTGCGGCAGGCCATGCGGACCCCGAGCCGAATGAGTCGG
GCCTGGAGCTGCTCAGACCTATTACAACAGCTGTGCTTCTGGATGCGCGCTTCTCACCCCTGCCAG
GAGCCTCGGGCTTTCTTCCACTGGTACGACTCGCTTACTGGGTCCCGGCCAGCAGCGTGCCCTGGCC
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TGGCCAGCTGCGCCTGGCGCAGGAGGCCGCCAGGTGGCAGCCGAGTACAGGCTAGTGACCCGGACCAT
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TTCCGCTCCCTGGCCACTACCAGTAGCCATGGCCCTCTGCGACGGCTCCCGAGCGACCGAGGGAGAGC
TCCCCACGCACGAGCAGGTCTTCTGCAGCCCCCACCCTCTTAAGCCCCGAGGCCCTGTGCTGCCGCA
GGAGCTGGAGGAGCGCAGGCAGCTTGGCAAGGCACACCTGAAGCGTGCCATCCTGGGGCAGGAGGAGCG
CTGCGGCTGCACGCCCTGTGCCGCTCTGCGCAGGTGACCTGCTTCGGGCTGTGATCTCCAGACGC
TGCAGCGCTCACTGGCCAAGTATGCGGAGCTCGACCGTGAGGATGACTTCTGTGAGGCTGCCAGGCCCC
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GACATCTTCCATCGGCTGGGGCCCTGTCTGTGTTCTCAGCCAAGAACCAGTGGCGGCTGGTGGGGCCCG
TCCACCTGACCCGAGGAGAGGGCGGCTTTGGCCTCACGCTTCGGGAGACTCGCTGTCTCATCGCTGC
CGTCATTCCAGGAGCCAGGCCGCGGGCGCTGGCCTGAAGGAGGGCGACTACATTGTGTCAGTGAATGGG
CAGCCATGCAGGTGGTGGAGACACGCGAGGTGGTGACGGAGCTGAAGGCTGCGGAGAGGCGGGGCCCA
GCCTGCAGGTGGTGTGCTGCTGCCAGCTCTAGACTGCCAGCTTGGGGGACCGCCGGCCCGTCTGCT
GGGCCCCAGGGGCTTCTAAGGAGCCAGAGGGAGCATGTTGCAAGACCCCGCATCCAGTGGGCCAGT
CCCCGGCCCTCCTCAACTGGAGCCGAAAGGCCAGCAGGGCAAGACTGGAGGCTGCCCCAGCCCTGTG
CCCCAGTGAAGCCAGCTCCGCCCTCATCTGAAGCACCAGGGTGGCCG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC206645 protein sequence Red=Cloning site Green=Tags(s) MILEERPDGAGAGEESPRLQGCDLSLTQIQCGQLQSRRAQIHQQIDKELQMRTGAENLYRATSNNRVRETVALLELSYVNSNLQLLKEELEELSGGVDPGRHGSEAVTVPMIPLGLKETKELDWSTPLKELISVHFGEDGASYAEIRELEALRQAMRTPSRNESGLELLTAYYNQLCFLDARFLTPARSLGLFFHWYDSLTVPAQQRALAFEKGSVLFNIGALHTQIGARQDRSCTEGARRAMEAFQRAAGAFSLLRENF SHAPSPDMSAASLCALEQLMMAQAQECVFEGLSPPASMAPQDCLAQLRLAQEAAQVAAEYRLVHRTMAQPPVHDYVPVSWTALVHVKAEFRSLAHYHVAMALCDGSPATEGELPTHEQVFLQPPTSSKPRGPVLPQELEERRQLGKAHLKRAILGQEEALRLHALCRVLREVDLLRAVISQTLQRSLAKYAELDREDDFCEAAEAPDIQPKTHQKPEARMPRLSQGKGPDIFHRLGPLSVFSAKNRWRLVGPVHLTRGEGGFGLTLRGDSPVLI AAVIPGSQAAAAGLKEGDYIVSVNGQPCRWWRHAENVTELKAAGEAGASLQVVSLLPSSRLPSLGDRRPVLLGPRGLLSQREHGCKTPASTWASPRPLLNWSRKAQQGKTGGCPQPCAPVKPAPPSSSLKHGPWP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_052924
ORF Size:	2010 bp
Buffer:	PBS with 0.001% Pluronic F5920
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_052924.2</u>
RefSeq Size:	3795 bp
RefSeq ORF:	2013 bp
Locus ID:	114822
UniProt ID:	<u>Q8TCX5</u>
Cytogenetics:	8q24.3
MW:	73.6 kDa