

Product datasheet for **RC203411A1V**

Human RDH14 (NM_020905) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human RDH14 (NM_020905) AAV Particle
Tag:	Myc-DDK
Symbol:	RDH14
Synonyms:	PAN2; SDR7C4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC203411 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCAGTGGCCACTGCGGCGGCAGTACTGGCCGCTCTGGGCGGGGCGCTGTGGCTGGCGGCCCGCCGGT
TCGTGGGGCCAGGGTCCAGCGGCTGCGCAGAGGCGGGGACCCCGGCCTCATGCACGGGAAGACTGTGCT
GATCACCGGGGCGAACAGCGGCTGGGCGCGCCACGGCCGCCGAGCTACTGCGCTGGGAGCGGGGTG
ATCATGGGCTGCCGGGACCGCGCGCGCGCGAGGAGGCGGGGTCAGCTCCGCCGCGAGCTCCGCCAGG
CCGCGGAGTGGCGCCAGAGCTGGCGTCAGCGGGTGGGCGAGCTCATAGTCCGGGAGCTGGACCTCGC
CTCGCTGCGCTCGGTGCGCGCCTTCTGCCAGGAAATGCTCCAGGAAGAGCCTAGGCTGGATGTCTTGATC
AATAACGCAGGGATCTTCCAGTGCCCTTACATGAAGACTGAAGATGGTTTGAGATGCAGTTCGGAGTGA
ACCATCTGGGGCACTTTCTACTACCAATCTTCTCCTTGGACTCCTCAAAAGTTGAGTCCCAGCAGGAT
TGTGGTAGTTTCTTCAAACCTTATAAATACGGAGACATCAATTTTGATGACTTGAACAGTGAACAAAGC
TATAATAAAAGCTTTTGTATAGCCGGAGCAAAGTGGTAACATTCTTTTACCAGGGAAGTACCCGCC
GCTTAGAAGGCACAAATGTCACCGTCAATGTGTGTCATCTGGTATTGTACGGACAAATCTGGGAGGCA
CATACACATTCCACTGTTGGTCAAACCACTCTCAATTTGGTGTATGGGCTTTTTTCAAACCTCCAGTA
GAAGGTGCCAGACTTCCATTTATTTGGCCTCTTACCTGAGGTAGAAGGAGTGTGAGGAAGATACTTTG
GGGATTGTAAAGAGGAAGAACTGTTGCCAAAGCTATGGATGAATCTGTTGCAAGAAAACCTCTGGGATAT
CAGTGAAGTATGGTTGGCCTGCTAAAA

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC203411 protein sequence Red=Cloning site Green=Tags(s) MAVATAAAVLAAALGGALWLAARRFVGPRVQRLRRGGDPGLMHGKTVLITGANSGLGRATAAELLRLGARV IMGCRDRARAEEAAGQLRRELQAAECGPEPGVSGVGELIVRELDLASLRSVRAFCQEMLQEEPRLDVLI NNAGIFQCPYMKTEDGFEMQFGVNHLLGHFLLTNLLGLLKSSAPSRIVVSSKLYKYGDINFDDLNSEQS YNKSFCYSRSLANILFTRELARRLEGNTVTVNLHPGIVRTNLGRHIHPLLKPLFNLVSWAFFKTPV EGAQTSIYLASSPEVEGVSGRYFGDCKEEELLPKAMDESVARKLWDISEVMVGLLK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_020905
ORF Size:	1008 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_020905.1</u>
RefSeq Size:	1602 bp
RefSeq ORF:	1011 bp
Locus ID:	57665
UniProt ID:	<u>Q9HBH5</u>
Cytogenetics:	2p24.2
MW:	36.9 kDa