

Product datasheet for **RC205003A1V**

Human RDH11 (NM_016026) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human RDH11 (NM_016026) AAV Particle
Tag:	Myc-DDK
Symbol:	RDH11
Synonyms:	ARSDR1; CGI82; HCBP12; MDT1; PSDR1; RALR1; RDJCSS; SCALD; SDR7C1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC205003 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGTTGAGCTCATGTTCCCGCTGTTGCTCCTCCTTCTGCCCTTCCTTCTGTATATGGCTGCGCCCCAA
TCAGGAAAATGCTGTCCAGTGGGGTGTGTACATCAACTGTTGAGCTTCCTGGGAAAGTAGTTGTGGTCAC
AGGAGCTAATACAGGTATCGGGAAGGAGACAGCCAAAGAGCTGGCTCAGAGAGGAGCTCGAGTATATTTA
GCTTGCCGGGATGTGAAAAGGGGAATTGGTGGCCAAAGAGATCCAGACCACGACAGGGAACAGCAGG
TGTTGGTGCAGAACTGGACCTGTCTGATACTAAGTCTATTCGAGCTTTTGCTAAGGGCTTCTTAGCTGA
GGAAAAGCACCTCCACGTTTTGATCAACAATGCAGGAGTGATGATGTGTCCGTACTCGAAGACAGCAGAT
GGCTTTGAGATGCACATAGGAGTCAACCACTTGGGTCACTTCCTCCTAACCCATCTGCTGCTAGAGAAAC
TAAAGGAATCAGCCCCATCAAGGATAGTAAATGTGTCTTCCCTCGCACATCACCTGGGAAGGATCCACTT
CCATAACCTGCAGGGCGAGAAATTCTACAATGCAGGCCTGGCCTACTGTACAGCAAGCTAGCCAACATC
CTCTTACCCAGGAAGTGGCCCGGAGACTAAAAGGCTCTGGCGTTACGACGATTCTGTACACCTGGCA
CAGTCCAATCTGAAGTGGTTCGGCACTCATCTTCATGAGATGGATGTGGTGGCTTTTCTCTTTTTCAT
CAAGACTCCTCAGCAGGGAGCCAGACCAGCCTGCACTGTGCCTTAACAGAAGGTCTTGAGATTCTAAGT
GGGAATCATTTAGTGACTGTATGTGGCATGGGTCTCTGCCAAGCTCGTAATGAGACTATAGCAAGGC
GGCTGTGGGACGTCAGTTGTGACCTGCTGGGCCTCTCAATAGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC205003 protein sequence Red=Cloning site Green=Tags(s) MVELMFPLLLLLPFLLYMAAPQIRKMLSSGVCTSTVQLPGKVVVVTGANTGIGKETAKELAQRGARVYL ACRDVEKGELVAKEIQTGTGNQQLVRKLDLSDTKSIRAFAGFLAEKHLHVLINNAGVMMCPYSKTAD GFEMHIGVNHGHLTHLLLEKLKESAPSRIVNVSSLAHHLGRIHFHNLQGEKFYNAGLAYCHSKLANI LFTQELARRLKSGSVTTYSVHPGTVQSELVRHSSFMRWMMWLF SFFIKTPQGAQTSLHCALTEGLEILS GNHFSCHVAWVSAQARNETIARRLDVSCDLLGLSID TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_016026
ORF Size:	954 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_016026.2</u>
RefSeq Size:	2587 bp
RefSeq ORF:	957 bp
Locus ID:	51109
UniProt ID:	<u>Q8TC12</u>
Cytogenetics:	14q24.1
MW:	35.4 kDa