

Product datasheet for **RC206759A1V**

Human RDHE2 (SDR16C5) (NM_138969) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human RDHE2 (SDR16C5) (NM_138969) AAV Particle
Tag:	Myc-DDK
Symbol:	RDHE2
Synonyms:	EPHD-2; RDH#2; RDH-E2; RDHE2; retSDR2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC206759 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCTTTCAACCTGCAATCATCAAAGAACTGTTCATTTTCTTAGGAAATCACTGTTAGTCTTCTGG
AGGCTATGATTTTTGCCTTACTCCAAAGCCACGGAAGAAGCTTGCTGGTGAAATAGTCCTCATCACAGG
TGCTGGAAGTGGACTCGGAAGGCTCTTAGCCTTGCAAGTTGCCCGGCTGGGATCTGTTCTTGTCTCTGG
GATATCAATAAGGAGGGGAATGAGGAAACATGTAAGATGGCTCGGGAAGCTGGAGCCACAAGAGTGCACG
CCTATACCTGCGATTGCAGCCAAAAGGAAGGAGTGTATAGAGTAGCCGACCAAGTTAAAAAGAAGTCGG
CGATGTTTCCATCCTAATCAACAATGCCGGAATCGTAACAGGCAAAAAGTTCTTGACTGTCCAGATGAG
CTTATGAAAAAGTCATTTGATGTGAATTTCAAAGCACATTTATGGACTTATAAAGCCTTTCTACCTGCTA
TGATTGCTAATGACCATGGACATTTGGTTTGCATTTCAAGTTCAGCTGGATTAAGTGGAGTAAATGGGCT
GGCAGATTACTGTGCAAGTAAATTTGCAGCCTTTGGGTTTGTGAATCTGTATTTGTAGAAACATTTGTC
CAAAAACAAAAGGGGATCAAAACCAGATTGTGTGCCCTTTTTATAAAAAGTGAATGTTGAAGGTT
GTACTACAGGCTGTCCTTCTCTGTTGCCAATTTCTGGAACCAAAATATGCAGTTGAAAAAATAGTAGAAGC
TATTCTACAAGAAAAATGTACTTGTATATGCCAAAGTTGTTATACTTCATGATGTTTCTTAAAGCTTT
TTGCCCTCAAGACAGGACTGCTTATAGCTGACTATTTGGGCATCCTTCATGCAATGGATGGCTTTGTTG
ACCAAAAGAAGAAGCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC206759 protein sequence Red=Cloning site Green=Tags(s) MSFNLQSSKKLFIFLGKSLFSLLEAMIFALLPKPRKNVAGEIVLITGAGSGLGRLLALQFARLGSVLVLW DINKEGNEETCKMAREAGATRVHAYTDCDSQKEGVYRVADQVKKEVGDSILINNAGIVTGKKFLDCPDE LMEKSFVDVNFKAHLWTYKAFLPAMIANDHGLVCISSSAGLSGVNGLADYCASKFAAFGFAESVFVETV QKQKGIKTTIVCPFFIKTGMFEGCTTGCPSSLPILEPKYAVEKIVEAILQEKMYLYMPKLLYFMMFLKSF LPLKTGLLIADYLGILHAMDGFVDQKKKL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_138969
ORF Size:	927 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_138969.2 , NP_620419.2
RefSeq Size:	3039 bp
RefSeq ORF:	930 bp
Locus ID:	195814
UniProt ID:	Q8N3Y7
Cytogenetics:	8q12.1
MW:	34.1 kDa