

Product datasheet for **RC214498A1V**

Human GRHL2 (NM_024915) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GRHL2 (NM_024915) AAV Particle
Tag:	Myc-DDK
Symbol:	GRHL2
Synonyms:	BOM; DFNA28; ECTDS; PPCD4; TFCP2L3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC214498 representing NM_024915
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCACAAGAGTCGGACAATAATAAAGACTAGTGGCCTTAGTGCCCATGCCAGTGACCTCCATTCA
 ATACCCGAAGAGCCTACACAGTGAGGATGAAGCCTGGAAGTCATACTTGAGAAATCCCCTGACAGCAGC
 CACCAAGGCCATGATGAGCATTAAATGGTGATGAGGACAGTGCTGCTGCCCTCGGCCTGCTCTATGACTAC
 TACAAGGTTCTCGAGACAAGAGGCTGCTGTCTGAAGCAAAGCAAGTGACAGCCAAGAAGACCAGGAGA
 AAAGAACTGCCTTGGCACCAGTGAAGCCCAGAGTAATTTGAGTGGAGGAGAAAACCGAGTGCAAGTCTCT
 AAAGACTGTTCCAGTGAACCTTTCCCTAAATCAAGATCACCTGGAGAATTCGAAGCGGGAACAGTACAGC
 ATCAGCTTCCCCGAGAGCTCTGCCATCATCCCGGTGTCGGGAATCACGGTGGTGAAGCTGAAGATTTC
 CACCAGTTTTATGGCCCCACCTGTGCACTATCCCGGGGAGATGGGGAAGAGCAACGAGTGGTTATCTT
 TGAACAGACTCAGTATGACGTGCCCTCGCTGGCCACCCACAGCGCCTATCTCAAAGACGACCAGCGCAGC
 ACTCCGACAGCACATACAGCGAGAGCTTCAAGGACGCAGCCACAGAGAAATTCGGAGTGCTTCAGTTG
 GGGCTGAGGAGTACATGTATGATCAGACATCAAGTGGCACATTTCAGTACACCTGGAAGCCACCAAATC
 TCTCCGTGAGAAGCAGGGGAGGGCCCCATGACCTACCTCAACAAAGGACAGTTCTATGCCATAACACTC
 AGCGAGACCGGAGACAACAAATGCTTCCGACACCCCATCAGCAAAGTCAGGAGTGTGGTATGGTGGTCT
 TCAGTGAAGACAAAAACAGAGATGAACAGCTCAAACTGGAATACTGGCACTCTCGGCAGCATACGGC
 GAAGCAGAGGGTCCTTGACATTGCCGATTACAAGGAGAGCTTTAATACGATTGGAACATTGAAGAGATT
 GCATATAATGCTGTTTCTTTACCTGGGACGTGAATGAAGAGGCGAAGATTTTCATCACCGTGAATTGCT
 TGAGCACAGATTTCTCTCCAAAAAGGGTGAAAGGACTTCTTTGATGATTGAGATTGACACATACAG
 TTATAACAATCGTAGCAATAAACCCATTATAGAGCTTATTGCCAGATCAAGGTCTTCTGTGACAAAGGA
 GCAGAAAGAAAAATCCGAGATGAAGAGCGGAAGCAGAACAGGAAGAAAGGAAAGGCCAGGCCTCCCAAA
 CTCAATGCAACAGCTCCTCTGATGGGAAGTTGGCTGCCATACCTTTACAGAAGAAGAGTGACATCACCTA
 CTTCAAAACCATGCCTGATCTCCACTCACAGCCAGTTCTCTTCATACCTGATGTTCACTTTGAAACCTG
 CAGAGGACCGGACAGGTGATTACAACACGGATGATGAACGAGAAGGTGGCAGTGTCTTGTAAACGGA
 TGTTCCGGCCCATGGAAGAGGAGTTTGGTCCAGTGCCTTCAAAGCAGATGAAAGAAGAAGGGACAAAGCG
 AGTGCTCTGTACGTGAGGAAGGAGACTGACGATGTGTTGATGCATTGATGTTGAAGTCTCCACAGTG
 AAGGGCCTGATGGAAGCGATATCTGAGAAATATGGGCTGCCCGTGGAGAAGATAGCAAAGCTTTACAAGA
 AAAGCAAAAAAGGCATCTTGGTGAACATGGATGACAACATCATCGAGCACTACTCGAACGAGGACACCTT
 CATCCTCAACATGGAGAGCATGTTGGAGGGCTCAAGGTACAGCTCATGGAAATC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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 Red=Cloning site Green=Tags(s)

MSQESDNNKRLVALVPMPSPFPNTRRAYTSEDEAWKSYLENPLTAATKAMMSINGDEDSAAALGLLYDY
 YKVPDRKRLLSVSKASDSQEDQEKNCLGTSEAQSNLSGGENRVQVLKTPVNLNLNQHLENSKREQYS
 ISFPESAIIPVSGITVVKAEFTFPVFMAPPVHYPRGDGEEQRVVIFEQTQYDVPSLATHSAYLKDDQRS
 TPDSTYSESFKDAATEKFRSASVGAEEYMYDQTSSGTFQYTLKSLRQKQEGPMTYLNKGQFYAITL
 SETGDNKCFRHPISKVRSVVMVVFSEDKNRDEQLKYWKYWHSRQHTAKQVLDIADYKESFNTIGNIEEI
 AYNVSTWVDVNEEAKIFITVNCLSTDFSSQKGVKGLPLMIQIDTYSYNNRSNKPITHRAYCQIKVFCDKG
 AERKIRDEERKQNRKKKGQASQTQCNSSSDGKLAAIPLQKSDITYFKTMPDLHSQPVLFIQDVHFANL
 QRTGQVYYNTDDEREGLSVLVRMFRPMEEEFGPVPSKQMKKEGTRVLLLYVRKETDDVFDALMLKSPTV
 KGLMEAISEKYGLPVEKIAKLYKSKKGILVNMDNIIHYSNEDTFILNMESMVEGFKVTLMEI

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_024915
ORF Size:	1875 bp
Buffer:	PBS with 0.001% Pluronic F7226
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_024915.1</u>
RefSeq Size:	4793 bp
RefSeq ORF:	1878 bp
Locus ID:	79977
UniProt ID:	<u>Q6ISB3</u>
Cytogenetics:	8q22.3
MW:	70.9 kDa