

Product datasheet for **RC207857A1V**

Human GRHL3 (NM_198174) AAV Particle

Product data:

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|---------------------------|--------------------------------------|
| Product Type: | AAV Particles |
| Product Name: | Human GRHL3 (NM_198174) AAV Particle |
| Tag: | Myc-DDK |
| Symbol: | GRHL3 |
| Synonyms: | SOM; TFCP2L4; VWS2 |
| Mammalian Cell Selection: | None |
| Vector: | pAAV-AC-Myc-DDK (PS100089) |



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ORF Nucleotide Sequence:

>RC207857 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGAGAGTCAATGGAGATGATGACAGTGTTCGGCCTTGAGCTTCTCTATGATTACTACATGGGTCCCA
 AGGAGAAGCGGATATTGTCTCCAGCACTGGGGCAGGAATGACCAAGGAAAGAGGTAATACCATGGCAT
 GGAATATGAGACGGACCTCACTCCCCTTCAAAGCCCCACACACCTCATGAAATCCTGACAGAGAACGTG
 TCTGGAACCCAGAGTACCCAGATTTGCTCAAGAAGAATAACCTGATGAGCTTGGAGGGGCTTGGCCCA
 CCCCTGGCAAGGCAGCTCCCCTCCCTGCAGGCCCCAGCAAGCTGGAGGCCGGCTCTGTGGACAGTACCT
 GTTACCCACCACTGATATGATGATAATGGCTCCCTCACTCCTTGTGTTGAGAGCATTATGGGGTGCCG
 CCCACACAGCGCTGGCAGCCAGACAGCACCTTCAAAGATGACCCACAGGAGTCGATGCTCTTCCCAGATA
 TCCTGAAAACCTCCCCGGAACCCCATGTCCAGAGGACTACCCAGCCTCAAAAGTGACTTTGAATACAC
 CCTGGGCTCCCCAAAGCCATCCACATCAAGTCAGGCGAGTACCCATGGCCTACCTCAACAAAGGCCAG
 TTCTACCCCGTACCCTGCGGACCCAGCAGGTGGCAAAGGCCTTGCCTTGTCTCCAACAAAGTCAAGA
 GTGTGGTGATGGTTGTCTTCGACAATGAGAAGTCCCAGTAGAGCAGCTGCGCTTCTGGAAGCACTGGCA
 TTCCCGCAACCCACTGCCAAGCAGCGGGTCAATTGACGTGGCTGACTGCAAAGAAAATTCAACTGTG
 GAGCACATTGAGGAGGTGGCCTATAATGCACTGTCTTTGTGTGGAACGTGAATGAAGAGGCCAAGGTGT
 TCATCGGCGTAAACTGTCTGAGCACAGACTTTTCTCACAAAAGGGGTGAAGGGTGTCCCCCTGAACCT
 GCAGATTGACACCTATGACTGTGGCTTGGGCACTGAGCGCCTGGTACACCGTGTCTGTGCCAGATCAAG
 ATCTTCTGTGACAAGGGAGCTGAGAGGAAGATGCGCGATGACGAGCGGAAGCAGTCCGGAGGAAGGTCA
 AGTGCCTGACTCCAGCAACAGTGGCGTCAAGGGCTGCCTGCTGTCGGGCTTCAAGGGCAATGAGACGAC
 CTACCTTCGGCCAGAGACTGACCTGGAGACGCCACCCGTGCTGTTTCATCCCAATGTGCACTTCTCCAGC
 CTGCAGCGCTCTGGAGGGCAGCCCCCTCGGCAGGACCCAGCAGCTCCAACAGGCTGCCTCTGAAGCGTA
 CCTGCTCGCCCTCACTGAGGAGTTTGAAGCCTCTGCCCTCCAAGCAGGCCAAGGAAGCGACCTTCAGAG
 AGTTCTGCTGTATGTGCGGAGGGAGACTGAGGAGGTGTTTACGCGCTCATGTTGAAGACCCAGACCTG
 AAGGGCTGAGGAATGCGATCTCTGAGAAGTATGGGTTCCCTGAAGAGAACATTTACAAAGTCTACAAGA
 AATGCAAGCGAGGAATCTTAGTCAACATGGACAACAACATCATTACGATTACAGCAACCACGTCGCTT
 CCTGCTGGACATGGGGGAGCTGGACGGCAAAATTCAGATCATCCTTAAGGAGCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC207857 protein sequence
 Red=Cloning site Green=Tags(s)

MRVNGDDDSVAALSFLYDYVMGPKEKRILSSSTGGRNDQGKRYHYHGMETDLPLESPHTLMKFLTEN
 SGTPEYDPLLKKNLMSLEGALPTPGKAAPLPAGPSKLEAGSVDSYLLPTTDMYDNGSLNSLFESIHGVP
 PTQRWQPDSTFKDDPQESMLFPDILKTSPEPPCPEDYPSLKSDFEYTLGSPKAIHIKSGESPMAYLNKGG
 FYPVTLRTPAGGKGLALSSNKVKSVMVVFVDFNEKVPVEQLRFWKHWSRQPTAKQRVIDVADCKENFNTV
 EHIEEVAYNALSFWVNVNEEAKVFIGVNCLSTDFSSQKGVKGVPLNLQIDTYDCGLGTERLVHRAVCQIK
 IFCDKGAERKMRDDERKQFRKVKCPDSSNSGVKGCLLSGFRGNETTYLRPETDLETTPVLFIPNVHFS
 LQRSGGAAPSAGPSSSNRLPLKRTCSPFTEFEPLPSKQAKEGDLQRVLLYVRRETEEVFDALMLKTPDL
 KGLRNAISEKYGFPEENIYKVYKCKRGILVNMDNIIQHYSNHVAFLLDMGELDKGIQIILKEL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_198174

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|----------------------|---|
| ORF Size: | 1668 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_198174.1</u> |
| RefSeq Size: | 2232 bp |
| RefSeq ORF: | 1881 bp |
| Locus ID: | 57822 |
| UniProt ID: | <u>Q8TE85</u> |
| Cytogenetics: | 1p36.11 |
| MW: | 62.2 kDa |