

Product datasheet for **RC202635A1V**

Human **CHRD1** (NM_145234) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CHRD1 (NM_145234) AAV Particle
Tag:	Myc-DDK
Symbol:	CHRD1
Synonyms:	CHL; dA141H5.1; MGC1; MGCN; NRLN1; VOPT
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC202635 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGAGAAAAAGTGGAAATGGGAGGCATGAAATACATCTTTTCGTTGTTGTTCTTTCTTTGCTAGAAG
 GAGGCAAAACAGAGCAAGTAAACATTAGAGACATATTGCATGTTTCAAGACAAGAAGTACAGAGTGGG
 TGAGAGATGGCATCCTTACCTGGAACCTTATGGGTTGGTTTACTGCGTGAACTGCATCTGCTCAGAGAAT
 GGGAAATGTGCTTTGCAGCCGAGTCAGATGTCCAATGTTTCATTGCCTTTCTCCTGTGCATATTCTCATC
 TGTGCTGCCCTCGCTGCCAGACTCCTTACCCCAAGTGAACAATAAGGTGACCAGCAAGTCTTGCAGTA
 CAATGGGACAACCTACCAACATGGAGAGCTGTTCTGAGCTGAAGGCTCTTTGAGAATCGGCAACCCAAT
 CAATGCACCCAGTGCAGCTGTTCCGAGGGAACGTGTATTGTGGTCTCAAGACTTGCCCAAAATTAACCT
 GTGCCCTCCAGTCTCTGTTCCAGATTCTGCTGCCGGGTATGCAGAGGAGATGGAGAAGTGTATGGGA
 ACATTCTGATGGTGATATCTCCGGCAACCTGCCAACAGAGAAGCAAGACATTCTTACCACCGCTCTCAC
 TATGATCCTCCACCAAGCCGACAGGCTGGAGGTCTGTCCCGCTTCTCTGGGGCCAGAAGTCAACGGGGAG
 CTCTTATGGATTCCAGCAAGCATCAGGAACATTGTGCAAAATGTCATCAATAACAAACACAAGCATGG
 ACAAGTGTGTTTCCAATGAAAGACCTATTCTCATGGCGAGTCTGGCACCCAAACCTCCGGGCAATTT
 GGCATTGTGGAGTGTGTGCTATGTACTTGAATGTACCAAGCAAGAGTGTAAAGAAATCCACTGCCCA
 ATCGATACCCCTGCAAGTATCTCAAAAAATAGACGGAATGCTGCAAGGTGTGTCCAGGTAAAAAAGC
 AAAAGAACTTCCAGGCCAAAGCTTTGACAATAAAGGCTACTTCTGCGGGGAAGAAACGATGCCTGTGAT
 GAGTCTGTATTCATGGAGGATGGGAGACAACAGAAAAATAGCACTGGAGACTGAGAGACCACCTCAGG
 TAGAGGTCCACGTTTGGACTATTCGAAAGGGCATTCTCCAGCACTTCCATATTGAGAAGATCTCCAAGAG
 GATGTTTGGAGGCTTCTCACTTCAAGCTGGTGACCAGAACAACCCCTGAGCCAGTGGAAAGATCTTCACC
 GAAGGAGAAGCTCAGATCAGCCAGATGTGTTCAAGTCGTGTATGCAGAACAGAGCTTGAAGATTTAGTCA
 AGGTTTTGTACCTGGAGAGATCTGAAAAGGGCCACTGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC202635 protein sequence
 Red=Cloning site Green=Tags(s)

MRKKWKMGGMKYIFSLFFLLLEGGKTEQVKHSETYCMFQDKKYRVGERWHPYLEPYGLVYCVNCICSEN
 GNVLCSSRVRCPNVHCLSPVHIPHLCCPRCPDSLPPVNNKVTSKSCEYNGTTYQHGLFVAEGLFQNRQPN
 QCTQCSCSEGNVYCGLKTCPKLTCAFPVSVPDSCCRVCRGDGELSWEHSDGDI FRQPANREARHSYHRSH
 YDPPPSRQAGGLSRFPGARSHRGALMDSQQASGTIVQIVINNKHKGQVCVSNKTYSHGESWHPNLRFA
 GIVECVLCTCNVTKQECKKIHCNRYPCYPQKIDGKCKVCPGKKAKELPGQSF DNKG YFCGEETMPVY
 ESVMEDGETTRKIALETERPPQVEVHVWTIRKGILQHFHIEKISKRMFEELPHFKLVTRTTLSQWKIFT
 EGEAQISQMSSSRVCRTELEDLVKVL YLERSEKGHC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_145234

ORF Size:

1368 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_145234.2</u>
RefSeq Size:	3943 bp
RefSeq ORF:	1371 bp
Locus ID:	91851
UniProt ID:	<u>Q9BU40</u>
Cytogenetics:	Xq23
MW:	52 kDa