

Product datasheet for **RC210881A1V**

Human CHRND (NM_000751) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CHRND (NM_000751) AAV Particle
Tag:	Myc-DDK
Symbol:	CHRND
Synonyms:	ACHRD; CMS2A; CMS3A; CMS3B; CMS3C; FCCMS; SCCMS
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC210881 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGGGCCAGTGCTGACACTGGGGCTGCTGGCTGCCCTGGCGGTGTGTGGCAGCTGGGGCTGAACG
 AGGAGGAGCGGCTGATCCGGCACCTGTTTCAAGAGAAGGGCTACAACAAGGAGCTCCGGCCCGTGGCACA
 CAAAGAGGAGAGTGTGGACGTTGCCCTGGCCCTCACACTCTCCAACTCATCTCCCTGAAAGAAGTTGAG
 GAGACCCTCACTACCAATGTGTGGATAGAGCACGGCTGGACAGACAACCGGCTGAAGTGAATGCTGAAG
 AATTTGAAACATCAGTGTCTGCGCTCCCCCGGACATGGTGTGGCTCCCAGAGATTGTGCTGGAGAA
 CAACAATGACGGCTCCTTCCAGATCTCTACTCTGCAACGTGCTTGTCTACCACTACGGCTTCGTGTAC
 TGGCTGCCACCTGCCATCTTCCGCTCCTCTGCCCATCTCTGTACCTATTTCCCTTCGACTGGCAGA
 ACTGCTCCCTCAAGTTCAAGTTCCTCAAGTATACGGCCAAAGAGATCACCTGAGCTGAAACAGGATGC
 CAAGGAGAACCGCACCTACCCCGTGGAGTGGATCATCATTGATCTGAAGGCTTACAGAGAACGGGGAG
 TGGGAGATAGTCCACCGCCGGCCAGGGTCAACGTGGACCCAGAGCCCTCTGGACAGCCCGAGCCGCC
 AGGACATCACCTTCTACCTCATCATCCGCCGAAGCCCTCTTCTACATCATCAACATCTGGTGCCTG
 CGTGCTCATCTCTTTCATGGTCAACCTGGTCTTCTACCTACCGGCTGACAGTGGTGAAGACATCAGTG
 GCCATCTCGGTGCTCTGGCTCAGTCTGTCTTCTGCTGCTCATCTCCAAGCGTCTGCCTGCCACATCCA
 TGGCCATCCCCCTTATCGGCAAGTTCCTGCTCTTCGGCATGGTGTGGTCAACATGGTTGTGGTATCTG
 TGTATCGTGTCAACATCCACTTCCGAACACCCAGCACCATGTGCTGTCTGAGGGGTCAAGAAGCTC
 TTCTGGAGACCTGCCGGAGCTCCTGCACATGTCCGCCAGCAGAGGATGGACCCAGCCCTGGGGCCC
 TGGTGGGAGGAGCAGCTCCCTGGGATACATCTCCAAGCCGAGGAGTACTTCTGCTCAAGTCCCGCAG
 TGACCTCATGTTTCGAGAAGCAGTCAGAGCGGCATGGGCTGGCCAGGCGCCTCACCCTGCACGCCGCC
 CCAGCAAGCTCTGAGCAGGCCAGCAGGAATCTTCAATGAGCTGAAGCCAGCTGTGGTGGGGCAACT
 TCATTGTTAACCACATGAGGGACCAGAACAATTACAATGAGGAGAAAGACAGCTGGAACCGAGTGGCCG
 CACAGTGGACCGCTCTGCCTGTTTGTGGTACGCTGTATGGTGGTGGGCACAGCCTGGATCTTCTG
 CAGGGCGTTTACAACAGCCACCACCCAGCCTTTTCTGGGGACCCCTACTCTACAACGTGCAGGACA
 AGCGCTTCATC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC210881 protein sequence
 Red=Cloning site Green=Tags(s)

MEGPVLTLLAALAVCGSWGLNEERLIRHLFQEKGYNKELRPVAHKEESVDVALALTLNLIISLKEVE
 ETLTNNVWIEHGWTDNRKWNAAEEFGNISVLRPPDMVWLPEIVLENNNDGSFQISYSCNVLVYHYGFVY
 WLPPAIFRSSCPISVTYFPFDWQNCSLKFSSLYTAKEITLSLKQDAKENRTYPVEWIIIDPEGFTENGE
 WEIVHRPARVNVDPAPLDSPSRQDITFYLIIRKPLFYIINILVPCVLISFMVNLVYFLPADSGEKT
 AISVLLAQSVFLLLIISKRLPATSMAPLIGKFLFGLVMTMVVICVILNIHFRTPTSHVLSEGVKKL
 FLETLPELLHMSRPAEDGPSGALVRRSSSLGYISKAEEYFLKSRSDLMFEKQSERHGLARRLTARRP
 PASSEQAQQLFNELKPAVDGANFIVNHMRDQNNYNEEKDSWNRVARTVDRLCLFVVTPVMVGTAWIFL
 QGVYNQPPPQPFPGDPYSYNVQDKRFI

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_000751

ORF Size:

1551 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_000751.1</u>
RefSeq Size:	2963 bp
RefSeq ORF:	1554 bp
Locus ID:	1144
UniProt ID:	<u>Q07001</u>
Cytogenetics:	2q37.1
MW:	58.9 kDa