

Product datasheet for **RC218997A1V**

Human DRC1 (NM_145038) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human DRC1 (NM_145038) AAV Particle
Tag:	Myc-DDK
Symbol:	DRC1
Synonyms:	C2orf39; CCDC164; CILD21
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC218997 representing NM_145038
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAATCCGCCGGGGTCCCTAGAGGCCCTGGACCCGAACGTGGACGAGCACTTGTCACCCAGATTCTCG
 CGCCCTCGGTCCACTCCGACAACTCTCAGGAGCGCATCCAGGCCCGCGCCTCCGCATCGCTGCGCGCTT
 AGAAGCCCGGAGGCGGGAAGCACTTGGAGAATATTTAGATGGGAAGAAGGAGAGTGAGGAGGATCAAAGC
 AAGAGCTACAAACAGAAAGAAGAAAGCCGATTGAAATTGGCTAAACTTCTGCTCTGTGGCACCAGATTGG
 TGACAAATATCCAGGTGGCTATAGATATCAGAGAGATTCACAGGAGAGTCGAAGAAGAGGAGATAAAGCG
 TCAAAGGATTGAGAAGCTGGAGAATGAAGTTAAGACCAGCCAGGACAAATTCGATGAAATCACCTCAAAG
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 CCAGTATGTGAAGGATTTGAAGAAACAGTCAGATGACATCTGCCTGCTTCTGGAGCGGATGGAAGAACAG
 GTGAAGAATGTGATGAAAACCTTTCGTGAGGAGCTCTATAACATTGAGAAAGCATTTGAGGTGGAACGCC
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 GTATCTTAACAACCGCATGAAGAAAGTAGAGGACTATGAGAAGCAGCTGAACAGGCAGAGGATCTGGGAT
 TGCGAAGAATACAACATGATCAAGATCAAGCTGGAGCAGGATGTGCAGATTCTTGAGCAGCAGCTTCAGC
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 CTGAGATCAAAATATGCCAAGCAAATAAAGCAGTTTCAGGAGGAGAACCAGTCTCTAACCTCGGACTACA
 AACGCTTGTGATGCAATTCAGGAGCTACAGAAAGCCATGAGGCATTTTGCTCTTATTGATGATGAGAA
 GTTTTGGGAGATTTGGCTGATGAATGAAGAGGAGGCGAAGGACCTAATAGCCAGAGCCTTTGATGTGGAC
 AGGATCATCCACACCCATCATCTGGGGTTCCTGGGCAGCACCTGATTTCTGGTTCTGAACAATGTTG
 GGCCTATTTCTCAGCAGCCCCAGAAGTCCGCCACACAGATAGTAGAAGAAATGCTTATGCGCTCAGAAGA
 GGAGGAGGCAGAAGAGGCCGCCGCGGAACCAGAGTCTACCTGGATTTGCCGAAGCAAATTTCTGAAAAA
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 TTCTCCTGCCCTGGAGCAGAATGAATGCTATCTGCTGAGGCTGGATGCCATCTTCTCCGCCCTTGAAT
 TGAAAGTGAGGATGACTTGTATAAACTGGTGAACCTTTCCTTAAATATCGAGCTCACCGTTTATCTTCC
 AGCCTCCAGATCAAGCCCTGCAGTCAGGCGAGCATGGAGAAGGCGAGCATGGAGGAGACAAGCACGAGGT
 CAGAATTGGAGCTGGCAGAGCAGACGGAGATGGAGGGAGAAAAGGAAGAAAGCCTGGTGGAAGGGGAGAA
 GGAAGAAGAGGAGGAGACCCACCCCTCCCCCTGGGTATCCACCCCAATGATGTCTCAAGATTCTGGAG
 GCCTTCGTATGGGTCTGAAGAAGCCTAGGGACTCGCGGGCCCCGCTGAGGGTACAGAAGAATGTGCGTG
 ACAACTCCAAGGACTCGGAGTACTGGCAGGCCCTGACCACAGTGATCCCTTCTCCAAGCAGAACCTCTG
 GGATGCCCTCTACACAGCCTTGGAAGTACCACCTTGTCTGACCCAGAGGGCCAAGCTGCTGCTGGAA
 AACAGTTCTCTGGAGCAGCAGAACACAGAGCTGCAGGCGCTACTGCAGCAGTATCTGAACTCCAAGATCA
 ACTCTGAACTGCAAGTTCCTCCCACTCAGGTGTTGCGGGTACCCACAAAA

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC218997 representing NM_145038 Red=Cloning site Green=Tags(s) MNPPGSLEALDPNVDEHLSTQILAPSVHSDNSQERIQARRLRIAARLEARRREALGEYLDGKKESEEDQS KSYKQKEESRLKAKLLLCGTCLVTNIQVAIDIREIHRVVEEEEIKRQRIEKLNEVKTSDKFDEITSK WEEGKQKRIPQELWEMLNTQQLHCAGLLEDKNKLISELQQELKTKDDQYVKDLKKQSDDICLLERMEEQ VKNVMKTFREELYNIEKAFAEVERQELLASNNKKWEQALQAHNAKELEYLNNRMKKVEDYEKQLNRQRIWD CEEYNMIKIKLEQDVQILEQQLQQRKAIYQLNQEKLEYNLQVLKKRDEESTVIKSQQKRKINRLHDILNN LRSKYAKQIKQFQENQSLTSDYKRLVMQFKELQKAMRHFALIDDEKFWIWLMEEEEAKDLIARAFDND RIIHTHHLGLPWAAPDFWFLNNVGPISQQPKSATQIVEEMLMRSEEEEEAEAAAEPESYLDLPKQISEK TTKRILMLLCDESGFLIESKLLSLLPLEQNECYLLRLDAIFSALGIESEDDLYKLVNFFLKYRAHRLSS SLQIKPCSQASMEKASMEETSTRSELELAEQTEMEGEKEESLVEGEKEEEEEETPPSPWVIHPNDVLKILE AFVMGLKKPRDSRAPLRVQKNVRDNSKDSEYWQALTTVIPSSKQNLWDALYTALEKYHLVLTQRAKLLLE NSSLEQQNTELQALLQQYLNKINSELQVPPTQVLRVPTK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_145038
ORF Size:	2220 bp
Buffer:	PBS with 0.001% Pluronic F7933
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_145038.1</u>
RefSeq Size:	2490 bp
RefSeq ORF:	2223 bp
Locus ID:	92749
UniProt ID:	<u>Q96MC2</u>
Cytogenetics:	2p23.3
MW:	87 kDa