

Product datasheet for **RC214712A1V**

Human CDC40 (NM_015891) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CDC40 (NM_015891) AAV Particle
Tag:	Myc-DDK
Symbol:	CDC40
Synonyms:	EHB3; PCH15; PRP17; PRPF17
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC214712 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCGGCTGCGATTGCAGCTCTGGCCGCTTCCTATGGTTCGGGTTTCAGGGTCCGAATCGGACTCGGACA
 GTGAGAGCAGTCGGTGTCCGCTGCCAGCGCCGACTCCCTCATGCACTTGACTAAATCGCCTTCATCAAA
 GCCGTCTCTAGCAGTGGCAGTGGACTCGGCTCCGGAGGTGGCAGTTAAGGAAGATTTGGAGACTGGAGTT
 CACCTTGACCCTGCCGTCAAAGAAGTTCAGTATAATCCTACCTATGAGACCATGTTTGCTCCTGAGTTTG
 GACCAGAAAATCCCTTTAGGACACAGCAAATGGCTGCCCTAGAAATATGCTTTCTGGATATGCCGAACC
 AGCTCATATCAATGATTTTCATGTTTGAGCAGCAAAGGAGAAGTTTGAACATATGGTTATGCATTAGAC
 CCTTCATTAGATAATCATCAAGTGTCTGCTAAATATATTGGTTCTGTAGAAGAAGCTGAAAAAATCAAG
 GTTTAACTGTATTTGAACTGGTCAGAAGAAAACAGAAAAGAGAAAAAGTTTAAAGAAAATGATGCATC
 CAATATTGATGGTTTTTTGGGACCATGGGCAAAATATGTGGATGAAAAAGATGTAGCCAAACCTTCAGAA
 GAAGAGCAAAAAGAAATGGATGAAATCAGCAAGAGGAGCAAAAAAGGAAAAACAGGAAGAAGAGAAAC
 CTGGGGAGGAGAAGACAATCTTACATGTTAAAGAAATGTATGACTATCAAGGCAGGTCTCTACAT
 ACCTCAGGATGTTGGTGTAACTACGGTCAACTATGCCACCTGAGAAGTGTATCTTCCAAAAAACA
 ATTCATGTGTGGTCTGGACACACAAAGGGCGTCAGTGCAGTCAGATTGTTTCTCTCTCTGGCCATTTAT
 TGCTGTCTTGTTCATGGACTGTAAAATTAAGCTATGGGAGGTTTATGGAGAACGGCGCTGTCTGAGAAC
 ATTTATTGGTCACAGTAAGGCTGTTAGGGATATCTGCTCAATACTGCAGGAACACAGTTCCTCAGTGCA
 GCCTATGACAGGTATCTTAAGCTCTGGGACACTGAGACAGGACAGTGTATCAAGATTTACAAACCGAA
 AAGTACCTTATTGTGTCAAATCAATCCTGATGAAGTAAGCAAAATCTCTTTGTGGCTGGGATGTCTGA
 TAAGAAGATTGTGCAATGGGACATTGCAAGTGGAGAAATTTGTGCAGGAATATGATCGGCATTTGGGAGCT
 GTCAACACCATTGTTTTTGTGGATGAGAATAGGAGATTTGTGAGCACATCTGATGATAAAAGCCTAAGAG
 TTTGGGAATGGGATATCCCTGTGGATTTCAAGTACATAGCAGAACCCAGTATGCACTCAATGCCTGCAGT
 GACTTTGTCTCCAAATGGAAAATGGCTAGCATGCCAATCAATGGACAACCAATCTTAATTTTGGAGCA
 CAGAACAGATTTAGATTAATAAGAAAAAATTTTAAGGGCCATATGGTAGCAGGCTATGCTTGTGAGG
 TGGACTTTTACCAGACATGAGTTATGTGATTTAGGAGATGGAAATGGAAAATTAACATTTGGGACTG
 GAAGACCACAAAATCTACAGTCGATTTAAAGCTCATGATAAAGTGTGTATAGGTGCAGTGTGGCATCCT
 CATGAACTTCTAAGGTCATAACATGTGTTGGGATGGTCTCATTAAATTGTGGGAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC214712 protein sequence
 Red=Cloning site Green=Tags(s)

MSAAIAALAASYSGSGSESDSDSESSRCPLPAADSLMHLTKSPSSKPSLAVAVDSAPEVAVKEDLETGV
 HLDPAVKEVQYNPTYETMFAPEFGPENPFRTQQMAAPRNMLSGYAEPAHINDFMFEQQRRTFATYGYALD
 PSLDNHQVSAKYIGSVEEAEKNQGLTVFETGQKKTEKRKKFKENDASNIDGFLGPWAKYVDEKDVAKPSE
 EEQKELDEITAKRQKKGKQEEKEPGEETILHVKEYDYQGRSYLHIPQDVGNLRSTMPPEKCYLPKKQ
 IHVWSGHTKGVSARLPLSGHLLSCSMDCKIKLWEVYGERRCLRTFIGHSKAVRDICFNTAGTQFLSA
 AYDRYLKLWDTETGQCISRFTNRKVPYCVKFNPDDEKQNLVAGMSDKKIVQWDIRSGEIVQEYDRHLGA
 VNTIVFDENRRFVSTDDKSLRVWEWDIPVDFKYIAEPSMHSMPTVTLSPNGKWLACQSMNQILIFGA
 QNRFRLNKKKIFKGHMVAGYACQVDFSPDMSYVISGDGNGKLNIDWKTTLKLSRFKAHDKVCIGAVWHP
 HETSKVITCGWDGLIKLWD

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_015891
ORF Size:	1737 bp
Buffer:	PBS with 0.001% Pluronic F7254
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_015891.2</u>
RefSeq Size:	3866 bp
RefSeq ORF:	1740 bp
Locus ID:	51362
UniProt ID:	<u>O60508</u>
Cytogenetics:	6q21
MW:	65.5 kDa