

Product datasheet for **RC203483A1V**

Human CDC42EP1 (NM_007061) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CDC42EP1 (NM_007061) AAV Particle
Tag:	Myc-DDK
Symbol:	CDC42EP1
Synonyms:	55 kDa bone marrow stromal/endothelial cell protein; BORG5; CDC42 effector protein (Rho GTPase binding) 1; CDC42 effector protein 1; CEP1; CEP1, BORG5, MSE55, MGC15316; MGC15316; MSE55; OTTHUMP00000028709; serum constituent protein
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC203483 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCCCGCCCCCAGGGGGCAGAGGCGCCGCCACCATGAGCCTGGGCAAGCTCTCGCCTGTGGGCTGGG
TGTCCAGTTCACAGGAAAGAGGCGGCTGACTGCAGACATGATCAGCCACCCACTCGGGGACTTCCGCCA
CACCATGCATGTGGGCGGTGGCGGGGATGTCTTCGGGGACACGTCCTTCTCAGCAACCCAGGTGGCAGC
TCCGGGAGCACCCATCGCTACCCCGCAGCTTCTGGCCAAGAAGCTGCAGCTGGTGGGAGGGTGGGGG
CGCCCCCGGAGGATGGCATCTCCCCCTGCACCCTCCCGGCTCCACCGCCATCTCCCCATCATCAA
GAACGCCATCTCCCTGCCCCAGCTCAACCAGGCCGCTACGACAGCCTCGTGGTTGGCAAGCTCAGCTTC
GACAGCAGCCCCACAGCTCCACGACGGCCACTCCAGCTACGGCCTGGACTCTGGGTTCTGCACCATCT
CCCGCTGCCCCGCTCGGAAAAGCCGCATGACCGAGACCGGATGGTTCCCTTCCCTCTGAGCCCGGCT
TCGCCGCTCTGACTCTCTTGTCTTCCGCTGGACCTCGACCTTGGGCCCTCACTCCTCAGCGAGCTG
CTAGGGGTCTGAGCCTGCCAGAAGCCCTGCAGCTGAGACTCCAGCCCCGCTGCAAACCCCCAGCCC
CTACTGCAAACCCACGGGTCTGCTGCAAACCCCCAGCCACTACTGCAAACCCCCAGCACCTGCCGC
AACCCCCACGGGTCTGCTGAAATCCCCAGCCCCTGCCGCAAGCTCCACACCCATGGACACTGTCCC
AATGGGGTAACAGCTGGGTTGGGCCAGTGGCTGAGGTGAAGTCCAGCCAGTGGGAGGGGGTCCCCGAG
GACCTGCTGGCCCTGCCCTCGGCAGGCACTGGGAGCAGGCTGGGATGGCGGCCACCACTACCCAGAGAT
GGATGCGCGGCAGGAGCGGTGGAGGTGCTGCCCAAGCCGGGCTCTGGGAGAGCTGGACGAAGAG
TGGAGGGCGCCCCAGGCAGGCAGCAGGACCCAGTGCCAGCACAGTGAAGCAAACACCTTTGAATTTG
CGGATGCTGAGGAGGATGATGAGGTCAAGGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC203483 protein sequence Red=Cloning site Green=Tags(s) MPGPQGGGAATMSLGKLSPLVGWVSSSQGKRRLTADMISHPLGDFRHTMHVGRGGDVFGDTSFLSNHGGSSGSTHRSPRSFLAKKLQLVRRVGAPRRMASPPAPSPAPPAISPIIKNAISLPQLNQAAYDSL VVGKLSFDSSTSTDGHSSYGLDSGFCISRLPRSEKPHDRDRDGSFPSEPLRRSDSLLSFRDLDLGPSLLSEL LGVMSLPEAPAAETPAPAAANPPAPTANPTGPAANPPATTANPPAPAATPTGPAANPPAPAASSTPHGHCP NGVTAGLGPVAEVKSSPVGGGPRGPAGPALGRHWGAGWDGGHHYPEMDARQERVEVLPQARASWESLDEE WRAPQAGSRTPVPSTVQANTFEFADAEEDEVKV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_007061
ORF Size:	1152 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_007061.3, NP_008992.3</u>
RefSeq Size:	2182 bp
RefSeq ORF:	1154 bp
Locus ID:	11135
Cytogenetics:	22q13.1
MW:	39.7 kDa