

## Product datasheet for **RC213097A1V**

### Human RUNX2 (NM\_004348) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human RUNX2 (NM_004348) AAV Particle
Tag:	Myc-DDK
Symbol:	RUNX2
Synonyms:	AML3; CBFA1; CCD; CCD1; OSF-2; OSF2; PEA2aA; PEBP2A1; PEBP2A2; PEBP2aA; PEBP2aA1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>RC213097 representing NM\_004348  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCGTATCCCGTAGATCCGAGCACCAGCCGGCGCTTCAGCCCCCTCCAGCAGCCTGCAGCCCGCA  
 AAATGAGCGACGTGAGCCGGTGGCTGCGCAACAGCAGCAGCAACAGCAGCAGCAGCAACAGCAGCA  
 GCAGCAGCAGCAACAGCAGCAGCAGCAGCAGCAGGAGGCGGCGGCGGCTGCGGGCGGCGGCGGCTGCG  
 GCGGGCAGCTGCAGTGCCCGGTTGCGGCGGCCACGACAACCGCACCATGGTGGAGATCATCGCCG  
 ACCACCCGGCGAACTCGTCCGACCGACAGCCCAACTTCTGTGCTCGGTGCTGCCCTCGACTGGCG  
 CTGCAACAAGACCCTGCCGTGGCCTTCAAGTGGTAGCCCTCGGAGAGTACCAGATGGGACTGTGGTT  
 ACTGTCATGGCGGTAACGATGAAAATTATTCTGCTGAGCTCCGGAATGCCTCTGCTGTTATGAAAAAC  
 AAGTAGCAAGGTTCAACGATCTGAGATTTGTGGCCGGAGTGGACGAGGCAAGAGTTTACCTTGACCAT  
 AACCGTCTTCAAAATCTCCCAAGTAGCTACCTATCACAGAGCAATTAAGTTACAGTAGATGGACCT  
 CGGGAACCCAGAAGGCACAGACAGAAGCTTGATGACTCTAAACCTAGTTTGTCTCTGACCGCCTCAGTG  
 ATTTAGGGCGCATTCTCATCCAGTATGAGAGTAGGTGTCCCGCTCAGAACCCACGGCCCTCCCTGAA  
 CTCTGCACCAAGTCTTTTAAATCCACAAGGACAGAGTCAGATTACAGACCCAGGCGAGGCACAGTCTTCC  
 CCGCGTGGTCTATGACCAGTCTTACCCTCTACCTGAGCCAGATGACGTCCCGTCCATCCACTCTA  
 CCACCCGCTGTCTTCCACACGGGGCACTGGGCTTCTGCCATCACCGATGTGCCTAGGCGCATTTGAGA  
 TGATGACTGCCACCTCTGACTTCTGCCTCTGGCCTTCCACTCTCAGTAAGAAGAGCCAGGCAGGTGCT  
 TCAGAATGGGCCCTTTTTCAGACCCAGGCGAGTCCCAAGCATTTTATCCCTCACTGAGAGCCGCTTCT  
 CCAACCCAGCAATGCACTATCCAGCCACTTTACTTACACCCCGCCAGTCACCTCAGGCATGTCCTCGG  
 TATGTCCGCCACCACTACTACCACACCTACCTGCCACCACCTACCCCGGCTCTTCCCAAGCCAGAGT  
 GGACCCTTCCAGACCAGCAGCACTCCATATCTCTACTATGGCACTTCGTCAGGATCCTATCAGTTTCCCA  
 TGGTGCAGGGGGAGACCGGTCTCCTTCCAGAATGCTTCGCCATGCACCACCACCTCGAATGGCAGCAC  
 GCTATTAATCCAAATTTGCCTAACAGAATGATGGTGTGACGCTGATGGAAGCCACAGCAGTTCCCA  
 ACTGTTTTGAATTCTAGTGGCAGAATGGATGAATCTGTTTGGCGACCATAT

**ACGCGT**ACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

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MRIPVDPSTRRFSPSSSLQPGKMSDVSPVVAQQQQQQQQQQQQQQQQQQQEEAAAAAAAAAAAA  
 AAAAAVPRLRPPHDNRTMVEIIADHPAELVRTDSPNFLCSVLP SHWRCNKLPVAFKVVVALGEVPDGTVV  
 TVMAGNDENYSaelRNASAVMKNQVARFNDLRFVGRSGRGKSFLLTITVF TNPPQVATYHRAIKVTVDGP  
 REPRRHRQKLDDSKPSLFSDRLSDLGRIPHSMRVGVPPQNPRLNSAPSPFNPQGSQITDPRQAQSS  
 PPWSYDQSYPSYLSQMTSPSIHSTTPLSSTRGTGLPAITDVPRRISDDDTATSDFCLWPSTLSKKSQAGA  
 SELGPFSDPRQFPSISLTSRFSNPRMHYPATFTYTPPVTSMSLGMSTTHYHYLPPYPYGSQSQS  
 GPFQTSSTPYLYYGTSSGSYQFPMVPGGDRSPSRMLPPCTTTSNGSTLLNPNLPNQNDGVDADGSHSSSP  
 TVLNSSGRMDES VWRPY

**TR**TRPLEQKLI SEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_004348

**ORF Size:**

1521 bp

<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_004348.3</a></u> , <u><a href="#">NP_004339.3</a></u>
<b>RefSeq Size:</b>	5720 bp
<b>RefSeq ORF:</b>	1523 bp
<b>Locus ID:</b>	860
<b>Cytogenetics:</b>	6p21.1
<b>MW:</b>	54.9 kDa