

Product datasheet for **RC212884A1V**

Human RUNX2 (NM_001024630) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human RUNX2 (NM_001024630) AAV Particle
Tag:	Myc-DDK
Symbol:	RUNX2
Synonyms:	AML3; CBF-alpha-1; CBFA1; CCD; CCD1; CLCD; OSF-2; OSF2; PEA2aA; PEBP2aA
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC212884 representing NM_001024630
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGCTTCATTGCCTCACAACAACACAGAACCACAAGTGGGTGCAAACCTTCTCAGGAGGACAGCA
 AGAAGTCTCTGGTTTTTAAATGGTTAATCTCCGAGGTCACTACCAGCCACCGAGACCAACAGAGTCATT
 TAAGGCTGCAAGCAGTATTTACAACAGAGGGTACAAGTTCTATCTGAAAAAAAAGGAGGACTATGGCA
 TCAAACAGCCTCTTCAGCACAGTGACACCATGTGACGAAAACTCTTTTGGGATCCGAGCACCAGCCGGC
 GCTTCAGCCCCCTCCAGCAGCTGCAGCCCGCAAAATGAGCGACGTGAGCCCGGTGGTGGCTGCGCA
 ACAGCAGCAGCAACAGCAGCAGCAGCAACAGCAGCAGCAGCAGCAACAGCAGCAGCAGCAGCAGGAG
 GCGGCGGCGGCGCTGCGGCGGCGGCGGCGCTGCGGCGGCGGCGAGTGCAGTCCCCGGTTGCGGCCGC
 CCCACGACAACCGACCATGGTGGAGATCATCGCCGACCACCCGCGCAACTCGTCGCGACCGACAGCCC
 CAATTCTGTGCTCGGTGCTGCCCTCGCACTGGCGCTGCAACAAGACCTGCCGTGGCCTTCAAGGTG
 GTAGCCCTCGGAGAGGTACCAGATGGGACTGTGGTTACTGTGTCGCGGGTAACGATGAAAATTATTCTG
 CTGAGCTCCGGAATGCCTCTGTGTTATGAAAAACCAAGTAGCAAGGTTCAACGATCTGAGATTTGTGGG
 CCGGAGTGGACGAGGCAAGAGTTTACCTTGACCATAACCGTCTTCAAAATCCTCCCCAAGTAGCTACC
 TATCACAGAGCAATTAAGTTACAGTAGATGGACCTCGGGAACCCAGAAGGCACAGACAGAAGCTTGATG
 ACTCTAAACCTAGTTTGTCTCTGACCGCTCAGTGATTTAGGGCGCATTCCTCATCCAGTATGAGAGT
 AGGTGTCCGCCTCAGAACCCACGGCCCTCCCTGAACCTCTGCACCAAGTCCTTTAATCCACAAGGACAG
 AGTCAGATTACAGACCCAGGCAGGCACAGTCTCCCCGCGTGGTCTATGACCAAGTCTTACCCCTCT
 ACCTGACCCAGATGACGTCCCCGTCCATCCACTCTACCACCCGCTGTCTTCCACAGGGGCACTGGGCT
 TCCTGCCATCACCGATGTGCTAGGCGCATTTACAGATGATGACACTGCCACCTCTGACTTCTGCCTCTGG
 CCTTCCACTCTCAGTAAGAAGAGCCAGGCAGGTGCTTCAAACTGGGCCCTTTTTCAGACCCAGGCAGT
 TCCCAAGCATTTATCCCTCACTGAGAGCGCTTCTCCAACCCACGAATGCACTATCCAGCCACCTTTAC
 TTACACCCCGCCAGTCACCTCAGGCATGTCCCTCGGTATGTCCGCCACCACTCACTACCACCTACCTG
 CCACCACCTACCCGGCTCTTCCAAAGCCAGAGTGGACCTTCCAGACCAGCAGCACTCCATATCTCT
 ACTATGGCACTTCGTGAGATCTATCAGTTTCCCATGGTGCCGGGGGAGACCGGTCTCCTTCCAGAAT
 GCTTCCGCCATGACACCACCTCGAATGGCAGCAGCTATTAATCAAATTTGCCTAACCAAGATGAT
 GGTGTTGACGCTGATGGAAGCCACAGCAGTTCCCAACTGTTTTGAATTCTAGTGCAGAATGGATGAAT
 CTGTTTGGCGACCATAT

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MLHSPHKQPQNHKCGANFLQEDSKSLVFKWLISAGHYQPPRPTESEFKAASSIYNRGYKFYLKKKGGTMA
 SNSLFSTVTPCQNNFFWDPSTSRFPSPSSSLQPGKMSDVSPVVAQQQQQQQQQQQQQQQQQQQEQE
 AAAAAAAAAAAAAA VPRLRPPHDNRTMVEIIADHPAELVRTDSPNFLCSVLPSHWRCNKLTPVAFKV
 VALGEVPDGTVVVMAGNDENYSAELRNASAVMKNQVARFNDLRFVGRSGRGKSFTLTITVFTNPPQVAT
 YHRAIKVTVDGPPEPRRHRQLDDSKPSLFSRLSDLGRIPHPSMRVGVPPQNPRLNSAPSPFNPQGQ
 SQITDPRQAQSSPPWSYDQSYPSYLSQMTSPSIHSTTPLSSTRGTGLPAITDVPRRISDDDTATSDFLW
 PSTLSKKSQAGASELGPFSDFQFSPSISSLTESRF SNPRMHYPATFTYTPVTSGLMSLGSATTHYHTYL
 PPPYPGSSQSQSGPFQTSSTPYLYYGTSSGSYQFPMVPGGDRSPSRMLPPCTTTSNGSTLLNPNLPNQND
 GVDADGSHSSSPTVLNSSGRMDES VWRPY

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_001024630
ORF Size:	1767 bp
Buffer:	PBS with 0.001% Pluronic F6951
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_001024630.2, NP_001019801.2</u>
RefSeq Size:	5572 bp
RefSeq ORF:	1566 bp
Locus ID:	860
UniProt ID:	<u>Q13950</u>
Cytogenetics:	6p21.1
MW:	64.44 kDa