

Product datasheet for **RC210576A1V**

Human **MACROH2A1 (NM_004893)** AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MACROH2A1 (NM_004893) AAV Particle
Tag:	Myc-DDK
Symbol:	MACROH2A1
Synonyms:	H2A.y; H2A/y; H2AF12M; H2AFY; MACROH2A1.1; macroH2A1.2; mH2A1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC210576 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGTCGAGCCGCGGTGGGAAGAAGAAGTCCACCAAGACGTCCAGGTCTGCCAAAGCAGGAGTCATCTTTC
CCGTGGGGCGGATGCTGCGGTACATCAAGAAAGGCCACCCCAAGTACAGGATTGGAGTGGGGGCACCCGT
GTACATGGCCGCGCTCCTGGAATACCTGACAGCGGAGATTCTGGAGCTGGCTGGCAATGCAGCGAGAGAC
AACAAGAAGGGACGGGTACACCCCGGCACATCCTGCTGGCTGTGGCCAATGATGAAGAGCTGAATCAGC
TGCTAAAAGGAGTCACCATAGCCAGTGGGGGTGTGTTACCCAACATCCACCCGAGTTGCTAGCGAAGAA
GCGGGGATCCAAAGGAAAGTTGGAAGCCATCATCACACCACCCAGCCAAAAAGGCCAAGTCTCCATCC
CAGAAGAAGCCTGTATCTAAAAAAGCAGGAGGCAAGAAAGGGGCCGGAATCCAAGAAGAAGCAGGGTG
AAGTCAGTAAGGCAGCCAGCGCCGACAGCACAACCGAGGGCACACCTGCCGACGGCTTCACAGTCTCTC
CACCAAGAGCCTCTTCTTGGCCAGAAGCTGAACCTTATTCACAGTGAAATCAGTAATTTAGCCGGCTTT
GAGGTGGAGGCCATAATCAATCCTACCAATGCTGACATTGACCTTAAAGATGACCTAGGAAACACGCTGG
AGAAGAAAGGTGGCAAGGAGTTTGTGGAAGCTGCTTGGAACTCCGAAAAAGAACGGGCCCTTGAAGT
AGCTGGAGCTGCTGTACGCGCAGGCCATGGCCTGCCTGCCAAGTTTGTGATCCACTGTAATAGTCCAGTT
TGGGGTGACAGCAAGTGTGAAGAACTTCTGGGAAAGACAGTGAAAACTGCTTGGCCCTGGCTGATGATA
AGAAGCTGAAATCCATTGCATTTCCATCCATCGGCAGCGCAGGAACGGTTTTCCAAAGCAGACAGCAGC
TCAGCTGATTCTGAAGGCCATCTCCAGTTACTTCGTGTCTACAATGTCTCTTCCATCAAACCGGTGTAC
TTCGTGCTTTTTGACAGCGAGAGTATAGGCATCTATGTGCAGGAAATGGCCAAGCTGGACGCCAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC210576 protein sequence Red=Cloning site Green=Tags(s) MSSRGGKKKSTKTSRSKAGVIFPVGRMLRYIKKGHPKYRIGVGAPVYMAAVLEYLTAEILELAGNAARD NKKGRVTPRHILLAVANDEELNQLLKGVTIASGGVLPNIHPELLAKKRGSKGKLEAIITPPPAKKAKSPS QKKPVSKKAGGKKGARKSKKKQGEVSKAASADSTTEGTPADGFTVLSTKSLFLGQKLNLIHSEISNLAGF EVEAIINPTNADIDLKDDLGNLTLEKKGKEFVEAVLELRKKNGPLEVAGAAVSAGHGLPAKFVIHCNSPV WGADKCEELLGKTVKNCLALADDKLKSI AFPSIGSGRNGFPKQTAAQLILKAISSYFVSTMSSSIKTVY FVLFDSESIGIYVQEMAKLDAN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_004893
ORF Size:	1116 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:	NM_004893.2
RefSeq Size:	1923 bp
RefSeq ORF:	1116 bp
Locus ID:	9555
UniProt ID:	O75367
Cytogenetics:	5q31.1
MW:	39.5 kDa