

Product datasheet for **RC221771A1V**

Human CD44 (NM_000610) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CD44 (NM_000610) AAV Particle
Tag:	Myc-DDK
Symbol:	CD44
Synonyms:	CDW44; CSPG8; ECMR-III; HCELL; HUTCH-I; IN; LHR; MC56; MDU2; MDU3; MIC4; Pgp1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC221771 representing NM_000610
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGACAAGTTTTTGGTGGCAGCAGCCTGGGGACTCTGCCTCGTGCCGCTGAGCCTGGCGCAGATCGATT
 TGAATATAACCTGCCGCTTTGCAGGTGTATTCCACGTGGAGAAAAATGGTCGCTACAGCATCTCTCGGAC
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 ACTCCATCTGTGCAGCAAAACACAGGGGTGTACATCCTCACATCCAACACCTCCCAGTATGACACATA
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 CACATTCACCCAGTGGGGGGTCCCATACCACTCATGGATCTGAATCAGATGGACACTCACATGGGAGT
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 TGGCATCCCTCTTGGCTTGGCTTTGATTCTTGCGATTGTCATTGTCAGTCAACAGTCGAAGAAGGTGTGG
 GCAGAAGAAAAAGCTAGTGATCAACAGTGGCAATGGAGCTGTGGAGGACAGAAAGCCAAGTGGACTCAAC
 GGAGAGGCCAGCAAGTCTCAGGAAATGGTGCATTTGGTGAACAAGGAGTCGTCAGAAACTCCAGACCAGT
 TTATGACAGCTGATGAGACAAGGAACCTGCAGAATGTGGACATGAAGATTGGGGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC221771 representing NM_000610 Red=Cloning site Green=Tags(s) MDKFWHAAWGLCLVPLSLAQIDLNITCRFAGVFHVEKNGRYSISRTEAADLCKAFNSTLPTMAQMEKAL SIGFETCRYGFIIEGHVVIPRIHPNSICAANNTGVYILTSNTSQYDYCFNASAPPEEDCTSVTDLPNAFD GPITITIVNRDGTRYVQKGEYRTNPEDIYPSNPTDDDVSSGSSSERSSTSGGYIFYTFSTVHPIPEDSP WITDSTDRIPTATLMSTSATATETATKRQETWDWFSWLFLPSESKNHLHTTTQMAGTSSNTISAGWEPNE ENEDERDRHLSFSGSGIDDEDISSTISTTPRAFDHTKQNDWTQWNPSPSNPEVLLQTTTRMTDVDRN GTTAYEGNWNPEAHPPLIHHEHHEEEETPHSTSTIQATPSSTTEETATQKEQWFGNRWHEGYRQTPKEDS HSTTGTAASAHTSHPMQGRTPSPEDSSWTDFFNPISHPMGRGHQAGRRMDMDSSHITLQPTANPNTG LVEDLDRTPGLSMTTQQSNSQSFSTSHGLEEDKDHPPTSTLTSSNRNDVTGRRDPNHSEGSTLLEGY TSHYPHTKESRTFIPVTSKATGSFGVTAVTVGDSNSNVNRSLSGDQDTFHPSGGSHTTHGSESDGSHSGS QEGGANTTSGPIRTPQIPEWLIIASLLALALILAVCIAVNSRRRCGQKKLVINSNGNGAVEDRKPSGLN GEASKSQEMVHLVNKESSETPDQFMTADETRNLQNVDKIGVTRTRPLEQKLISEEDLAANDILDYKDDDD DKV* TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000610
ORF Size:	2226 bp
Buffer:	PBS with 0.001% Pluronic F8391
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_000610.3
RefSeq Size:	5748 bp
RefSeq ORF:	2229 bp
Locus ID:	960
UniProt ID:	P16070
Cytogenetics:	11p13
MW:	81.54 kDa