

Product datasheet for **RC202455A1V**

Human CD44 (NM_001001389) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CD44 (NM_001001389) 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:

>RC202455 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGC**

ATGGACAAGTTTTGGTGGCAGCAGCCTGGGGACTCTGCCTCGTGCCGCTGAGCCTGGCGCAGATCGATT
TGAATATAACCTGCCGCTTTCAGGTGTATTCCACGTGGAGAAAAATGGTCGCTACAGCATCTCTCGGAC
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TTGCTTCAATGCTTCAGCTCCACCTGAAGAAGATTGTACATCAGTCACAGACCTGCCAATGCCTTTGAT
GGACCAATTACCATAACTATTGTTAACCGTGATGGCACCCGCTATGTCCAGAAAGGAGAATACAGAACGA
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CAGCACTTCAGGAGGTTACATCTTTACACCTTTTCTACTGTACACCCATCCCAGACGAAGACAGTCCC
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GAGAAGACTCCATTGACAACAGGGACAGCTGCAGCCTCAGCTCATACCAGCCATCCAATGCAAGGAAG
GACAACACCAAGCCAGAGGACAGTTCTGGACTGATTTCTTCAACCCAATCTCACACCCCATGGGACGA
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GGAGACCAAGACACATTCCACCCAGTGGGGGTCCCATACCACTCATGGATCTGAATCAGATGGACACT
CACATGGGAGTCAAGAAGGTGGAGCAAAACAACTCTGGTCCTATAAGGACACCCCAAATTCAGAAATG
GCTGATCATCTTGGCATCCCTCTTGGCCTTGGCTTTGATTCTTGACAGTTTGATTGACAGTCAACAGTCGA
AGAAGGTGTGGGCAGAAAGAAAAGCTAGTGATCAACAGTGGCAATGGAGCTGTGGAGGACAGAAAGCCAA
GTGGACTCAACGGAGAGGCCAGCAAGTCTCAGGAAATGGTGCAATTTGGTGAACAAGGAGTCGTCAGAAAC
TCCAGACCAGTTTATGACAGCTGATGAGACAAGGAACCTGCAGAATGTGGACATGAAGATTGGGGTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC202455 protein sequence Red=Cloning site Green=Tags(s) MDKFWHAAWGLCLVPLSLAQIDLNITCRFAGVFHVEKNGRYSISRTEAADLCKAFNSTLPTMAQMEKAL SIGFETCRYGFIIEGHVVIPRIHPNSICAANNTGVYILTSNTSQYDYCFNASAPPEEDCTSVTDLPNAFD GPITITIVNRDGTRYVQKGEYRTNPEDIYPSNPTDDDVSSGSSSERSSTSGGYIFYTFSTVHPIPEDSP WITDSTDRIPATSTSSNTISAGWEPNEENEDERHLSFSGSGIDDDDEFISSTISTTPRAFDTKQND WTQWNPSHSNPEVLLQTTTTRMTDVRNGTTAYEGNWNPEAHPPLIHHEHHEEEETPHSTSTIQATPSST EETATQKEQWFGNRWHEGYRQTPREDSTTGTAASAHTSHPMQGRTTPSPEDSSWTDFFNPISHPMGR GHQAGRRMDMDSSHSTTLQPTANPNTGLVEDLRTGPLSMTTQQSNSQSFSTSHGLEEDKDHTTSTLT SSNRNDVTGRRDPNHSEGSTTLLEGYTSHPHTKESRTFIPVTSAKTGSFGVTAVTVGDSNSNVNRSLS GDQDTFHPSGGSHTTHGSESDGSHSGSQEGGANTTSGPIRTPQIPEWLILASLLALILAVCIAVNSR RRCGQKKKLVINSGNGAVEDRKPSGLNGEASKSQEMVHLVNKESSETPDQFMTADETRNLQNVDMMKIGV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001001389
ORF Size:	2097 bp
Buffer:	PBS with 0.001% Pluronic F5333
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_001001389.1, NP_001001389.1</u>
RefSeq Size:	5619 bp
RefSeq ORF:	2100 bp
Locus ID:	960
UniProt ID:	<u>P16070</u>
Cytogenetics:	11p13
MW:	76.6 kDa