

Product datasheet for **RC231365A1V**

Human CD22 (NM_001185101) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CD22 (NM_001185101) AAV Particle
Tag:	Myc-DDK
Symbol:	CD22
Synonyms:	SIGLEC-2; SIGLEC2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC231365 representing NM_001185101
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCATCTCCTCGGCCCTGGCTCCTGCTCCTGGTTCTAGAATACTTGGCTTTCTCTGACTCAAGTAAAT
 GGGTTTTTGGACACCCTGAAACCCTCTACGCCTGGGAGGGGGCCTGCGTCTGGATCCCCTGCACCTACAG
 AGCCCTAGATGGTGACCTGGAAGCTTCATCCTGTTCCACAATCCTGAGTATAACAAGAACACCTCGAAG
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 GGGGCTGAGGATGGAGTCCAAGACTGAGAAATGGATGGAACGAATACACCTCAATGTCTCTGAAAGGCCT
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 ATTTCTCTGCTATGGGTATCCGATCCAATTGCAGTGGCTCCTAGAGGGGGTTCCAATGAGGCAGGCTGC
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 GGCCGTTGCGCTCTCAGCACCTCACCGTCTACTATAGCCCGGAGACCATCGGCAGGCGAGTGGCTGTGG
 GACTCGGGTCTGCTCGCCATCCTCATCTGGCAATCTGTGGGCTCAAGCTCCAGCGACGTTGGAAGAG
 GACACAGAGCCAGCAGGGGCTTCAGGAGAATTCAGCGGCCAGAGCTTCTTTGTAGGAATAAAAAGGTT
 AGAAGGGCCCCCTCTCTGAAGGCCCCCACTCCCTGGGATGCTACAATCCAATGATGGAAGATGGCATT
 GCTACACCACCTGCGCTTTCCGAGATGAACATACCACGAAGTGGAGATGCAGAGTCTCAGAGATGCA
 GAGACCTCCCCGGACTGCGATGACACGGTCACTTATTAGCATTGCACAAGCGCCAAGTGGGCGACTAT
 GAGAACGTATTCCAGATTTTCCAGAAGATGAGGGGATTCATTACTCAGAGCTGATCCAGTTTGGGGTCG
 GGGAGCGGCCTCAGGCACAAGAAATGTGGACTATGTGATCCTCAAACAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC231365 representing NM_001185101 Red=Cloning site Green=Tags(s) MHLLGPWLLLLVLEYLAFSDSSKWVFEHPETLYAWEGACVWIPCTYRALDGDLESFILFHNPEYNKNTSK FDGTRL YESTKDGKVPSEQKRVQFLGDKNKNTLSIHPVHLNDSGQLGRMESKTEKWMERIHNLVSRP FPPHIQLPPEIQESQEVTLTCLLNFSYGYPIQLQWLLEGVPMRQAAVTSTSLTIKSVFTRSELKFSQW SHHGKIIVTCQLQDADGKFLSNDTVQLNVKHPPKVVTTVIQNPMPIREGDTVTLSCNYNSSNPSVTRYEWK PHGAWEPSLGLVKIQNVGWDNTTIACAACNSWCSWASPVALNVQYAPRDVVRKIKPLSEIHSGNSVSL QCDFSSSHPKEVQFFWEKNGRLLGKESQLNFDISPEDAGSYSCWVNNSIGQTASKAWTLEVLYAPRRLR VSMSPGDQVMEGKSATLTCESDANPPVSHYTWFDWNNQSLPYHSQKLRLPEVKVQHSGAYWCQGTNSVGK GRSPLSTLTVYSPETIGRRVAVGLGSCLAAILILAICGLKLQRRWKRTQSQQGLQENSSGQSFFVRNKKV RRAPLSEGPLSLGCYNPMMEDGISYTTLRFPENIIPRTGDAESSEMQRPPDCDDTVTYSALHKRQVGDY ENVIPDFPEDEGIHYSELIQFGVGERPQAQENVVDYVILKH TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001185101
ORF Size:	2010 bp
Buffer:	PBS with 0.001% Pluronic F9954
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_001185101.1, NP_001172030.1</u>
RefSeq ORF:	2013 bp
Locus ID:	933
UniProt ID:	<u>P20273</u>
Cytogenetics:	19q13.12
MW:	76.2 kDa