

Product datasheet for **RC227458A1V**

Human CD299 (CLEC4M) (NM_001144909) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	CD299
Synonyms:	CD209L; CD299; DC-SIGN2; DC-SIGNR; DCSIGNR; HP10347; L-SIGN; LSIGN
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC227458 ORF sequence, **codon optimized**.
Due to the complexity of NM_001144909, the ORF clone is codon optimized for mammalian Expression.
The nucleotide sequence differs from the reference sequence, yet the amino acid sequence remains identical.

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAGTGACTCTAAAGAGCCAGAGTGCAACAGTTGGGCTTCTTGAGGAGGACCAACCACCAGCGGGA
TTAGACTTTTCCCAAGGATTTTCAGTTTCAGCAGATCCATGGACATAAGAGCTCAACGGGATGCCTTG
TCACGGCGCTCTTGCTCCAAGTGTCTTTATGCTGCTGGCGGCGTCTCTGGCCATTCTTGTT
CAAGTTTCTAAAGTGCCTTCATCACTGTCTCAGGAGCAGTCAGAGCAGGACGCTATCTATCAAAACCTTA
CCCAGTTGAAAGCCGCTGTTGGAGAACTGTCCGAAAAGTCCAAGTTGCAGGAGATCTATCAGGAGCTCAC
ACAGCTGAAAGCTGCTGTTGGCGAGCTCCCGAGAAAAGCAAGCTCCAAGAGATTTATCAGGAGCTGACA
AGGCTGAAGGCTGCAGTGGGAGAGCTGCCAGAGAAAAGTAAGTTGCAGGAGATTTATCAAGAACTGACTA
GGCTTAAAGCCGCTGTGGCGAGCTGCCTGAGAAGAGCAAAATTCAGGAAATTTACCAAGAACTTACACA
GCTTAAAGGCTGCAGTCGGCGAACTCCCGACCAAGTCCAAACAGCAACAGATTTACCAGGAATTGACTGAC
CTGAAAACCGCTTCGAAAGGCTGTGCAGACATTGCCCAAAGGATTGGACTTTCTTCCAGGAAATTTGTT
ATTTTCATGAGTAATAGTCAGAGAAATTTGGCAGATTTCAGTGACGGCTGTGAGGAAATTTAGGGCGCAGCT
TGTGGTTATTAACCGCCGAGGAGCAGAACTTCTGCAGCTGCAGACTAGTCGGTCCAACAGATTCAGT
TGGATGGGCTTGAGCGATCTCAACAGGAGGGCACTTGGCAGTGGGTGGACGGGAGCCCTTGAGTCCGT
CATTTTCAGAGATATTGGAATTCTGGGAGCCGAATAACAGCGGCAACGAGGATTGCGCCGAGTTCTCTGG
CAGCGGTGGAACGACAATCGCTGCGACGTGGACAACATTGGATTTGTAGAAGCCCGCCGCTGTTTT
AGAGATGAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC227458 representing NM_001144909
Red=Cloning site Green=Tags(s)

MSDSKEPRVQQLGLLEEDPTTSGIRLFPRDFQFQQIHGHKSSTGCLGHGALVLQLLSFMLLAGVLVAILV
QVSKVPSSLSQEQSEQDAIYQNLTLKAAVGELEKSKLQEYQELTLKAAVGELEKSKLQEYQELT
RLKAAVGELEKSKLQEYQELTRLKAAVGELEKSKLQEYQELTLKAAVGELEPDQSKQQIYQELTD
LKTAERLCRHCPKDWTFQGNCFMSNSQRNWHDSVTACQEVRAQLVVIKTAEEQNFLQLQTSRNRFS
WMGLSDLNQEGTWQWVGSPSPSFQRYWNSGEPNNSGNECAEFSGSGWNDNRCDVDNYWICKKPAACF
RDE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_001144909

ORF Size: 1059 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_001144909.1 , NP_001138381.1
RefSeq Size:	1838 bp
RefSeq ORF:	1062 bp
Locus ID:	10332
UniProt ID:	Q9H2X3
Cytogenetics:	19p13.2
MW:	40.1 kDa