

Product datasheet for **RC208937A1V**

Human CD146 (MCAM) (NM_006500) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CD146 (MCAM) (NM_006500) AAV Particle
Tag:	Myc-DDK
Symbol:	MCAM
Synonyms:	CD146; HEMCAM; MelCAM; METCAM; MUC18
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

ORF Nucleotide Sequence:

```
>RC208937 representing NM_006500
Red=Cloning site Blue=ORF Green=Tags(s)
```

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCTGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCGGCTTCCCAGGCTGGTCTGCGCCTTCTTGCTCGCCGCTGCTGCTGCTCTCGCTCGCGGCTG
TGCCCGGAGAGGCTGAGCAGCCTGCGCCTGAGCTGGTGGAGGTGGAAGTGGGCAGCACAGCCCTTCTGAA
GTGCGGCCTCTCCAGTCCCAAGGCAACCTCAGCCATGTCGACTGGTTTTCTGTCCACAAGGAGAAGCGG
ACGCTCATCTTCCGTGTGCGCCAGGGCCAGGGCCAGAGCGAACCTGGGGAGTACGAGCAGCGGCTCAGCC
TCCAGGACAGAGGGGCTACTCTGGCCCTGACTCAAGTCACCCCCAAGACGAGCGCATCTTCTGTGCC
GGGCAAGCGCCCTCGGTCCCAGGAGTACCGCATCCAGCTCCGCGCTACAAAGCTCCGGAGGAGCCAAAC
ATCCAGGTCAACCCCTGGGCATCCCTGTGAACAGTAAGGAGCCTGAGGAGGTGCTACCTGTGTAGGGA
GGAACGGGTACCCATTCTCAAGTCACTGTGTACAAGAATGGCCGGCCTCTGAAGGAGGAGAAGAACC
GGTCCACATTCACTCGTCCCAGACTGTGGAGTCGAGTGGTTTGTACACCTTGACAGAGTATTCTGAAGGCA
CAGCTGGTTAAGAAGACAAAGATGCCAGTTTTACTGTGAGCTCAACTACCGGCTGCCAGTGGGAACC
ACATGAAGGAGTCCAGGGAAGTACCCTCCCTGTTTTCTACCCGACAGAAAAGATGTGGCTGGAAGTGGA
GCCGTGGGAATGCTGAAGGAAGGGGACCGCTGGAATCAGGTGTTTGGCTGATGGCAACCTCCACCA
CACTTCAGCATCAGCAAGCAGAACCCACGACCCAGGAGGCAGGAGAAGAGACAACCAACGACAACGGGG
TCCTGGTGCTGGAGCCTGCCCGAAGGAACACAGTGGGCGCTATGAATGTGAGGCCTGGACTTGACAC
CATGATATCGTGCTGAGTGAACCACAGGAACCTACTGGTGAACATGTGTCTGACGTCAGTCCGAGTGAGTCCC
GCAGCCCTGAGAGACAGGAAGGCAGCAGCCTCACCTGACCTGTGAGGCAGAGAGTAGCCAGGACCTCG
AGTTCAGTGGCTGAGAGAAGAGACAGGCCAGGTGCTGGAAGGGGGCCTGTGCTTCAGTTGCATGACCT
GAAACGGGAGGCAGGAGGCGGCTATCGTGCCTGGCGTCTGTGCCAGCATACCCGGCCTGAACCGCACA
CAGCTGGTCAACGTGGCCATTTTTGGCCCCCTTGATGTCATTCAAGGAGAGGAAGGTGTGGGTGAAAG
AGAATATGGTGTGAATCTGTCTTGTGAAGCGTCAGGGACCCCGGCCACCATCTCTGGAACGTCAA
CGGCACGGCAAGTGAACAAGACCAAGATCCACAGCGAGTCTGAGCACCTGAATGTCTCTGTGACCCG
GAGCTGTTGGAGACAGGTGTTGAATGCACGGCCTCCAACGACCTGGGCAAAAAACACCAGCATCCTCTTCC
TGGAGCTGGTCAATTTAACCACCTCACACCAGACTCCAACACAACCACTGGCCTCAGCACTTCCACTGC
CAGTCTCATACCAGAGCCAACAGCACCTCCACAGAGAGAAAGCTGCCGGAGCCGAGAGCCGGGGCGTG
GTCATCGTGGCTGTGATTGTGTGCATCCTGGTCTGGCGGTGCTGGGCGCTGTCTCTATTTCTCTATA
AGAAGGCAAGCTGCCGTGAGCGCTCAGGGAAGCAGAGATCAGCTGCCCCGCTCTCGTAAGAGCGA
ACTTGTAGTTGAAGTTAAGTCAGATAAGCTCCCAGGAAGAGATGGGCTCTCTGACGGGCAGCAGCGGTGAC
AAGAGGGCTCCGGGAGACCAGGAGAGAAATACATCGATCTGAGGCAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC208937 representing NM_006500 Red=Cloning site Green=Tags(s) MGLPRLVCAFLLAACCCCPRVAGVPGEAEQPAPELVEVEVGSTALLKCGLSQSQGNLSHVDWFSVHKEKR TLIFRVQGGQSEPEGEYQRLSLQDRGATLALTQVTPQDERIFLCQGKRPRSQEYRIQLRVYKAPEEPN IQVNPLGIPVNSKEPEEVATCVGRNGYPIQVIWYKNGRPLKEEKNRVHIQSSQTVESSGLYTLQSILKA QLVKEDKDAQFYCELNYRLPSGNHMKESREVTVPVFYPTTEKVVLEVEPVGMLKEGDRVEIRCLADGNPPP HFSISKQNPSTREAEETTTNDNGVLVLEPARKEHSGRYECQGLDLDTMISLLSEPQELLVNYVSDVRVSP AAPERQEGSSLTLTCEAESSQDLEFQWLREETGQVLERGPVLQLHDLKREAGGGYRCVASVPSIPGLNRT QLVNVAIFGPPWMAFKERKVVWKENMVLNLSCEASGHRPTISWNVNGTASEQDQDPQVRVLTSLNVLVTP ELLETGVECTASNDLGKNTSILFLELVNLTTLTPDSNTTGLSTSTASPHTRANSTSTERKLPEPESRGV VIVAVIVCILVLAVLGAVLYFLYKKGKLPARRSGKQETLPPSRKSELVVEVSKDKLPEEMGLLQGSSGD KRAPGDQGEKYIDLRH TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_006500
ORF Size:	1938 bp
Buffer:	PBS with 0.001% Pluronic F6348
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_006500.2</u>
RefSeq Size:	3332 bp
RefSeq ORF:	1941 bp
Locus ID:	4162
UniProt ID:	<u>P43121</u>
Cytogenetics:	11q23.3
MW:	71.4 kDa