

Product datasheet for **RC205855A1V**

Human M-CSF (CSF1) (NM_172212) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human M-CSF (CSF1) (NM_172212) AAV Particle
Tag:	Myc-DDK
Symbol:	M-CSF
Synonyms:	CSF-1; MCSF
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC205855 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGACCGCGCGGGCGCGCGCGGGCGCTGCCCTCCACGACATGGCTGGGCTCCCTGCTGTTGTTGGTCT
 GTCTCCTGGCGAGCAGGAGTATCACCGAGGAGGTGTCGGAGTACTGTAGCCACATGATTGGGAGTGGACA
 CCTGCAGTCTCTGCAGCGGCTGATTGACAGTCAGATGGAGACCTCGTGCCAAATTACATTGAGTTTGTA
 GACCAGGAACAGTTGAAAGATCCAGTGTGCTACCTTAAGAAGGCATTTCTCTGGTACAAGACATAATGG
 AGGACACCATGCGCTTCAGAGATAACACCCCCAATGCCATCGCCATTGTGCAGCTGCAGGAAGTCTTTT
 GAGGCTGAAGAGCTGCTTACCAAGGATTATGAAGAGCATGACAAGGCCTGCGTCCGAAGTCTTATGAG
 ACACCTCTCCAGTTGCTGGAGAAGGTCAAGAATGTCTTTAATGAAACAAAGAATCTCCTTGACAAGGACT
 GGAATATTTTCAGCAAGAACTGCAACAACAGCTTTGCTGAATGCTCCAGCCAAGATGTGGTGACCAAGCC
 TGATTGCAACTGCCTGTACCCCAAAGCCATCCCTAGCAGTGACCCGGCCTCTGTCTCCCCTCATAGCCC
 CTCGCCCCCTCCATGGCCCTGTGGCTGGCTTGACCTGGGAGGACTCTGAGGGAAGTGAAGGAGCTCCC
 TCTTGCTGGTGAAGAGCCCTGCACACAGTGGATCCAGGCAGTGCCAAGCAGCGGCCACCCAGGAGCAC
 CTGCCAGAGCTTTGAGCCGCCAGAGACCCAGTTGTCAAGGACAGCACCATCGGTGGCTCACCACAGCCT
 CGCCCCCTGTGCGGGCCTTCAACCCCGGGATGGAGGATATTCTTGACTCTGCAATGGGCACTAATTGGG
 TCCCAGAAGAAGCCTCTGGAGAGGCCAGTGAGATTCCCGTACCCCAAGGACAGAGCTTTCCCTCCAG
 GCCAGGAGGGGGCAGCATGCAGACAGAGCCGCCAGACCCAGCAACTTCTCTCAGCATCTTCTCCACTC
 CCTGCATCAGCAAAGGGCCAACAGCCGGCAGATGTAAGTGGTACAGCCTTGCCAGGGTGGGCCCCGTGA
 GGCCCACTGGCCAGGACTGGAATCACACCCCCAGAAGACAGACCATCCATCTGCCCTGCTCAGAGACCC
 CCGGAGCCAGGCTCTCCAGGATCTCATCACTGCGCCCCCAGGGCCTCAGCAACCCCTCCACCTCTCT
 GCTCAGCCACAGCTTTCCAGAAGCCACTCCTCGGGCAGCGTGCTGCCCTTGGGAGCTGGAGGGCAGGA
 GGAGCACCAGGGATCGGAGGAGCCCGCAGAGCCAGAAGGAGGACCAGCAAGTGAAGGGCAGCCAGGCC
 CCTGCCCGTTTTAACTCCGTTCTTTGACTGACACAGGCCATGAGAGGAGTCCGAGGGATCTCCAGC
 CCGCAGCTCCAGGAGTCTGTCTTCCACCTGCTGGTGGCAGTGTATCTGGTCTTGTGGCCGTCGGAG
 GCCTCTTGTCTACAGGTGGAGGCGCGGAGCCATCAAGAGCCTCAGAGAGCGGATTCTCCCTTGGAGCA
 ACCAGAGGGCAGCCCCCTGACTCAGGATGACAGACAGGTGGAAGTCCAGTG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC205855 protein sequence
 Red=Cloning site Green=Tags(s)

MTAPGAAGRCPPPTWLGSLLLLVCLLASRSITEEVSEYCSHMIGSGHLQSLQRLIDSQMETSCQITFEFV
 DQEQLKDPVCYLKKAFLLVQDIMEDTMRFRDNTNPNAIAIVQLQELSLRLKSCFTKDYEEHDKACVRTFYE
 TPLQLLEKVKNVFNETHNLLDKDWNIFSKNCNNSFAECSSQDVVTKPDCNCLYPKAIPSSDPASVSPHQ
 LAPSMAPVAGLTWEDSEGTGSSLLPGEQPLHTVDPGSAKQRPSTCQSFEPPEPTPVVKDSTIGGSPQ
 RPSVGAFFNPAMEDILDSAMGTNWVPEEASGEASEIPVPQGTGELSPSRPGGSMQTEPARPSNFLSASSPL
 PASAKGQPADVTGTALPRVGPVRPTGQDWNHTPQKTDHPSALLRDPPEPGSPRISLRPQGLSNPSTLS
 AQPQLSRSHSSGSVLPLGELEGRSTRDRRSPAEPGGPASEGAARPLPRFNSVPLTDTGHERQSEGSSS
 PQLQESVFHLLVPSVILVLLAVGGLLFYRWRRRSHQEPQRADSPLEQPEGSPLTQDDRQVELPV

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_172212

ORF Size:	1662 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:	<u>NM_172212.1, NP_757351.1</u>
RefSeq Size:	2772 bp
RefSeq ORF:	1665 bp
Locus ID:	1435
UniProt ID:	<u>P09603</u>
Cytogenetics:	1p13.3
MW:	60.1 kDa