

## Product datasheet for **RC213103A1V**

### Human M-CSF (CSF1) (NM\_172210) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human M-CSF (CSF1) (NM_172210) AAV Particle
Tag:	Myc-DDK
Symbol:	M-CSF
Synonyms:	CSF-1; MCSF
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC213103 representing NM_172210 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**GCGATCGCC**

ATGACCGCGCCGGGCGCCGGGGCGCTGCCCTCCCACGACATGGCTGGGCTCCCTGCTGTTGTTGGTCTGTCTCTGGCGAGCAGGAGTATCACCGAGGAGGTGTCGGAGTACTGTAGCCACATGATTGGGAGTGGACACCTGCAGTCTGCAGCGGTGATTGACAGTCAGATGGAGACCTCGTGCCAAATTACATTTGAGTTTGTAGCCAGGAACAGTTGAAAGATCCAGTGTGCTACCTTAAGAAGGCATTTCTCCTGGTACAAGACATAATGGAGCACCATGCGCTTCAGAGATAACACCCCAATGCCATCGCCATTGTGCAGCTGCAGGAATCTCTTTGAGGCTGAAGAGCTGTTACCAAGGATTATGAAGAGCATGACAAGGCCTGCGTCCGAACCTTTCTATGACACCTCTCCAGTTGCTGGAGAAGTCAAGAATGTCTTTAATGAAACAAAGAATCTCCTTGACAAGGACTGGAATATTTTCAGCAAGAAGTCAACAACAGCTTTGCTGAATGCTCCAGCCAAGATGTGGTGACCAAGCCTGATTGCAACTGCCTGTACCCAAAGCCATCCCTAGCAGTGACCCGGCCTCTGTCTCCCTCATCAGCCCCTCGCCCCCTCCATGGCCCTGTGGCTGGCTTGACCTGGGAGGACTCTGAGGGAAGTGGGGCAGCTCCCTCTTGCTGGTGAGCAGCCCTGCACACAGTGGATCCAGGCAGTGCCAAGCAGCGCCACCCAGGAGCACCTGCCAGAGCTTTGAGCCGCCAGAGACCCAGTTGTCAAGGACAGCACCATCGGTGGCTCACCACAGCCTCGCCCCCTGTGCGGGCCTTCAACCCCGGGATGGAGGATATTCTTGACTCTGCAATGGGCACTAATTGGGTCCCAGAGAAGCCTCTGGAGAGGCCAGTGAGATTCCTGACCCCAAGGACAGAGCTTTCCCCCTCCAGGCCAGGAGGGGCGAGCATGCAGACAGAGCCCGCAGACCCAGCAACTTCTCTCAGCATCTTCTCCACTCCTGCATCAGCAAAGGGCCAACAGCCGGCAGATGTAAGTGGCCATGAGAGGCAGTCCGAGGGATCCTCCAGCCGCAGCTCCAGGAGTCTGTCTTCCACCTGCTGGTGCCAGTGTATCCTGGTCTTGCTGGCCGTCGGAGGCTCTTGTCTACAGGTGGAGGCGGGAGCCATCAAGAGCCTCAGAGAGCGGATTCTCCCTGGAGCAACCAGAGGGCAGCCCCCTGACTCAGGATGACAGACAGTGGAACTGCCAGT

**ACGCGT**ACGCGGCGGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATTACAAGGATGACGACGATAAGGTTTAA



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<b>Protein Sequence:</b>	>RC213103 representing NM_172210 Red=Cloning site Green=Tags(s)  MTAPGAAGRCPPTTWLGSLLLLVCLLASRSITEEVSEYCSHMIGSGHLQSLQRLIDSQMETSCQITFEFV DQEQLKDPVCYLKKAFLLVQDIMEDTMRFRDNTPNIAIAIVQLQELSLRLKSCFTKDYEEHDKACVRTFYE TPLQLLEKVKNFNETKNLLDKDWNIFSKNCNNSFAECSSQDVVTKPDCNCLYPKAIPSSDPASVSPHQ LAPSMAPVAGLTWEDSEGTEGSSLLPGEQLHTVDPGSAKQRPPRSTCQSFEPPEPVPVKDSTIGGSPQP RPSVGFNPGMEDILDSAMGTNWVPEEASGEASEIPVPQGTLSRSPRGGGSMQTEPARPSNFLSASSPL PASAKGQQPADVTGHERQSEGSSPQLQESVFLHLLVPSVILVLLAVGGLLFYWRRRRSHQEPQRADSPL QPEGSPLTQDDRQVELPV  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_172210
<b>ORF Size:</b>	1314 bp
<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_172210.1</a>
<b>RefSeq Size:</b>	1519 bp
<b>RefSeq ORF:</b>	1317 bp
<b>Locus ID:</b>	1435
<b>UniProt ID:</b>	<a href="#">P09603</a>
<b>Cytogenetics:</b>	1p13.3
<b>MW:</b>	47.7 kDa