

Product datasheet for **RC600012A1V**

Human MCSF Receptor (CSF1R) (NM_005211) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MCSF Receptor (CSF1R) (NM_005211) AAV Particle
Tag:	Myc-DDK
Symbol:	MCSF Receptor
Synonyms:	BANDDOS; C-FMS; CD115; CSF-1R; CSFR; FIM2; FMS; HDLS; M-CSF-R
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC600012 representing leader sequence plus the extracellular domain region of NM_005211

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

GTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCTGGTACCGAGGAGATCCGCCGCCG
CGATCGCC

ATGGGCCCAGGAGTTCTGCTGCTCCTGCTGGTGGCCACAGCTTGGCATGGTCAGGGAATCCCAGTGATAG
AGCCCAGTGTCCTGAGCTGGTCTGAAGCCAGGAGCAACGGTGACCTTGCGATGTGTGGCAATGGCAG
CGTGGAATGGGATGGCCCCCATCACCTCACTGGACCCTGTACTCTGATGGCTCCAGCAGCATCTCAGC
ACCAACAACGCTACCTTCCAAAACACGGGGACCTATCGCTGCACTGAGCCTGGAGACCCCTGGGAGGCA
GCGCGCCATCCACCTCTATGTCAAAGACCTGCCCGGCCCTGGAACGTGCTAGCACAGGAGGTGGTCTG
GTTTCGAGGACCAGGACGCACTACTGCCCTGTCTGCTCACAGACCCGGTCTGGAAGCAGGCGTCTCGCTG
GTGCGTGTGCTGGCCGGCCCCCTCATGCCACACCAACTACTCTTCTCGCCCTGGCATGGCTTACCA
TCCACAGGGCCAAGTTCAATTCAGAGCCAGGACTATCAATGCAGTCCCCTGATGGGTGGCAGGAAGGTGAT
GTCCATCAGCATCCGGCTGAAAGTGCAGAAAGTCATCCAGGGCCCCAGCCTTGACACTGGTGCCTGCA
GAGCTGGTGGGATTCGAGGGGAGGCTGCCAGATCGTGTCTCAGCCAGCAGCGTTGATGTTAACTTTG
ATGTCTTCTCCAACAACAACACCAAGCTCGCAATCCCTCAACAATCTGACTTTCATAATAACCGTTA
CCAAAAGTCTGACCTCAACCTCGATCAAGTAGATTTCACATGCCGGAACCTACTCTGCTGGCC
AGCAACGTGCAGGGCAAGCACTCCACCTCCATGTTCTTCCGGGTGGTAGAGAGTGCCTACTTGAAGTTGA
GCTCTGAGCAGAACCTCATCCAGGAGGTGACCGTGGGGGAGGGGCTCAACCTCAAAGTCATGGTGGAGGC
CTACCCAGGCCGCAAGGTTTTAACTGGACCTACCTGGGACCTTTTCTGACCACCAGCCTGAGCCCAAG
CTTGCTAATGCTACCACCAAGGACACATACAGGCACACCTTACCCTCTCTGCCCCGCTGAAGCCCT
CTGAGGCTGGCCGCTACTCTTCTGGCCAGAAACCCAGGAGGCTGGAGAGCTCTGACGTTTGAGCTCAC
CCTTCGATACCCCCAGAGGTAAGCGTCATATGGACATTCATCAACGGCTCTGGCACCCTTTTGTGTGCT
GCCTCTGGGTACCCCCAGCCCAACGTGACATGGCTGCAGTGCAGTGGCCACACTGATAGGTGTGATGAGG
CCCAAGTGTGCAAGTCTGGGATGACCCATACCCTGAGGTCTGAGCCAGGAGCCCTTCCACAAGGTGAC
GGTGCAGAGCCTGCTGACTGTTGAGACCTTAGAGCACAACCAACCTACGAGTGCAGGGCCACAAACAGC
GTGGGGAGTGGCTCCTGGGCCTCATACCCATCTCTGCAGGAGCCACACGCATCCCCCGGATGAGTTCC
TCTTCACACCA

ACGCGTTCAGGCGACTACAAGGATGACGACGATAAGGGATCTCATCATCACCATCACCATTAAATGAGATC
TGGTACCGATATCAAGCTTGTCGACTCTAGA

Protein Sequence:

>RC600012 representing signal peptide plus the extracellular domain region of NM_005211

Red=Cloning sites Green= DDK and 6XHIS Tags

MGPVLLLLLLVATAWHGQGIPIEIPVPELVKPGATVTLRCVNGSVVEWDGPPSPHWTLYSDGSSSILS
TNNATFQNTGTYRCTEPGDPLGSSAAIHLVYKDPARPWNVLAQEVVVFEDQDALLPCLLDTPVLEAGVSL
VRVRGRPLMRHTNYSFSPWHGFTIHRAKFIQSQDYQCSALMGGGRKVMISIRLKVKQKVIPGPPALTLVPA
ELVRIRGEAAQIVCSASSVDVNFDFVLQHNNTKLAIPQQSDFHNNRYQKVLTLNLDQVDFQHAGNYSCVA
SNVQGHSTSMFFRVVESAYLNLSSQNLIQEVTVGEGNLKVMVEAYPGLQGFNWTYLGPFSDHQPEPK
LANATTKDTYRHTFTLSLRLKPSEAGRYSFLARNPGGWRALTFELTLRYPPEVSVIWTFFINGSGTLLCA
ASGYQPQNVTLQCSGHTDRCDEAQLQVWDDPYPEVLSQEPFHKVTVQSLLTVETLEHNQTYECRAHNS
VGSGSWAFIPISAGATHPPDEFLLFTP

TRSGTRSGDYKDDDDKGSHHHHHH

Species:

Human

Serotype:

AAV-2

ACCN:

NM_005211

ORF Size:	2962 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_005211.3, NP_005202.2</u>
RefSeq Size:	4006 bp
RefSeq ORF:	2919 bp
Locus ID:	1436
UniProt ID:	<u>P07333</u>
Cytogenetics:	5q32
MW:	57 kDa