

Product datasheet for **RC213244A1V**

Human GFM2 (NM_170691) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GFM2 (NM_170691) AAV Particle
Tag:	Myc-DDK
Symbol:	GFM2
Synonyms:	EF-G2mt; EFG2; hEFG2; mEF-G 2; MRRF2; MST027; MSTP027; RRF; RRF2; RRF2mt
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC213244 representing NM_170691
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTGACCAACTTGAGGATATTTGCAATGAGTCATCAGACAATACCCAGTGTGTATATTAATAATATAT
 GCTGCTATAAAATAAGAGCAAGTTTAAAAAGATTAAAGCCACATGTGCCGCTTGGAAAGAAATTGCAGTTC
 TCTACCAGGCTTAATAGGAAATGATATCAAATCCCTTCATTCCATCATCAATCCTCCCATAGCTAAAAATC
 CGTAATATTGGAATTATGGCTCATATTGATGCAGGCAAACTACCACCACAGAAAGAATATTGTACTATT
 CCGGATATACAAGATCACTGGGAGATGTTGATGATGGAGACACAGTGACAGATTCATGGCCCAAGAGCG
 AGAAAGAGGCATTACTATTCAATCAGCTGCTGTTACATTTGATTGAAAGGTTATAGAGTCAATCTAATT
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 AAGCACAGACAAAACAATGAAGCAGAGAGACTTTTATTGGCTGGAGTGGAGATTCAGAACCTGTTTTCT
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 TTCACAGCGCATGTCTCCAAGGACCATGCTTGGATCCCAATTCAGGATGTAGCAATTACTTTACATTC
 CCTGACAAATTCATCCTGGCACCTCCACAATATGATTTCTGCCTGTGTCTCAAGATGCGTGCAAAAGGCT
 CTGAAGAAAGCTGATAAGCAAGTTTGGAGCCTCTGATGAATCTTGAGGTTACAGTAGCTAGAGATTATC
 TCAGCCCTGTCTGGCAGATCTGGCACAAAGAAGGAAACATTCAGGAAATTCAGACTCGCCAGGACAA
 CAAAGTTGTTATTGGATTTGTTCCCTTAGCAGAAATTATGGGTTATTCAACTGTGCTTCGAACGCTAACA
 TCAGGCTCAGCTACTTTTGCCTTAGAACTATCTACTTATCAAGCCATGAATCCTCAAGATCAAAATACAC
 TGCTCAACCGGAGAAGTGGTTTGACC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC213244 representing NM_170691 Red=Cloning site Green=Tags(s) MLTNLRIFAMSHQTIPSVYINNICCCKIRASLKRLKPHVPLGRNCSSLPGLIGNDIKSLHSIINPPIAKI RNIGIMAHIDAGKTTTTTERILYYSGYTRSLGDVDDGDTVTDFMAQERERGITIQSAAVTFDWKGYRVNLI DTPGHVDFTLEVERCLRVLDGAVAVFDASAGVEAQTLTVWRQADKHNIIPRICFLNKMDKTGASFYAVES IREKLKAKPLLLQLPIGEAKTFKGVVDVVMKEKLLWNCNSNDGKDFERKPLLEMNDPELLKETTEARNAL IEQVADLDDEFADLVLEEFSENFDLLPAEKLQTAIHRVTLAQTAVPVLCGSALKNKGIQPLLDVATMYLP SPEERNYEFLEIRSRLLLPFADQHVEIPSLTAGNIALTVGLKHTATGDTIVSSKSSALAAARRAEREAGEK KHRQNEAERLLLAGVEIPEPVFFCTIEPPSLSKQPDLEHALKCLQREDPSLKVRDPDPSGQTVLCGMGE LHIEIIHDRIKREYGLETYLGPLQVAYRETIILNSVRATDTLDRTLGDKRHLVTVEVEARPIETSSVMPVI EFEYAESINEGLLKVSQEIENGIHSACLQGPLLGSPIQDVAITLHSLTIHPGTSTTMISACVSRVQKA LKKADKQVLEPLMNLEVTVARDYLSPVLADLAQRRGNIQEIQTRQDNKVVIGFVPLAEIMGYSTVLRLTLT SGSATFALELSTYQAMNPQDQNTLLNRRSGLT TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_170691
ORF Size:	2196 bp
Buffer:	PBS with 0.001% Pluronic F7013
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_170691.1</u>
RefSeq Size:	2970 bp
RefSeq ORF:	2199 bp
Locus ID:	84340
UniProt ID:	<u>Q969S9</u>
Cytogenetics:	5q13.3
MW:	81 kDa