

Product datasheet for **RC205962A1V**

Human GFM2 (NM_032380) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GFM2 (NM_032380) 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:

>RC205962 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGTTGACCAACTTGAGGATATTTGCAATGAGTCATCAGACAATACCCAGTGTGTATTAATAATATAT
GCTGCTATAAAATAAGAGCAAGTTTAAAAAGATTAAAGCCACATGTGCCGCTTGGAAGAAATTGCAGTTC
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CCTGTCTGGCAGATCTGGCACAAGAAGAGGAAACATTCAGGAAATTCAGACTCGCCAGGACAACAAAG
TTGTTATTGGATTGTTCCTTAGCAGGAATTATGGGTTATTCAACTGTGCTTCGAACGCTAACATCAGG
CTCAGCTACTTTTGCTTAGAACTATCTACTTATCAAGCCATGAATCCTCAAGATCAAAATACACTGCTC
AACCGGAGAAGTGGTTTGACC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC205962 protein sequence Red=Cloning site Green=Tags(s) MLTNLRIFAMSHQTIPSVYINNICCCKIRASLKRLKPHVPLGRNCSSLPGLIGNDIKSIHSIINPPIAKI RNIGIMAHIDAGKTTTTTERILYYSGYTRSLGDVDDGDTVDFMAQERERGITIQSAAVTFDWKGYRVNLI DTPGHVDFTLVERCLRVLDGAVAVFDASAGVEAQTLTVWRQADKHNIIPRICFLNKMDKTGASFYAVES IREKLKAKPLLLQLPIGEAKTFKGVVDVVMKEKLLWNCNSNDGKDFERKPLLEMNDPELLKETTEARNAL IEQVADLDDEFADLVLEEFSENFDLLPAEKLQTAIHRVTLAQTAVPVLCSALKNKGIQPLLDVAVTMYLP SPEERNYEFLLQWKDDLALAFKVLHDKQRGPLVFMRIYSGTIKPQLAIHNINGNCTERISRLLLPFADQ HVEIHSLTAGNIALTVGLKHTATGDTIVSSKSSALAAARRAEREKEKKHRQNEAERLLLAGVEIPEPVF FCTIEPPSLSKQPDLEHALKCLQREDPSLKVRLDPDSGQTVLCGMGELHIEIIHDKREYGLTYLGPL QVAYREITILNSVRATDLDRTLDGKRHLVTVEVGARPIETSSVMPVIEYAESINEGLLKVSQEIENGIH SACLQGPLLGSPIQDVAITLHSLTIHPGTSTTMISACVSRCVQKALKKADKQVLEPLMNLEVTVARDYLS PVLADLAQRRGNIQEIQTRQDNKVVIGFVPLAGIMGYSTVLRTLTSGSATFALELSTYQAMNPQDQNTLL NRRSGLT TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_032380
ORF Size:	2331 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:	NM_032380.3
RefSeq Size:	3264 bp
RefSeq ORF:	2340 bp
Locus ID:	84340
UniProt ID:	Q969S9
Cytogenetics:	5q13.3
MW:	86.2 kDa