

Product datasheet for **RC208239A1V**

Human GFM1 (NM_024996) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GFM1 (NM_024996) AAV Particle
Tag:	Myc-DDK
Symbol:	GFM1
Synonyms:	COXPD1; EFG; EFG1; EFGM; EGF1; GFM; hEFG1; mtEF-G1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC208239 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAGACTCCTGGGAGCTGCAGCCGTCGCGGCTCTGGGCGCGGAAGGGCCCCGCTCCCTAGGCTGGC
AGAGGAAGCAGGTTAATTGGAAGGCCTGCCGATGGTCTTCATCAGGGGTGATTCCCTAATGAAAAATACG
AAATATTGGAATCTCAGCTCACATTGATTCTGGGAAAACATTAACAGAACGAGTCCCTTACTACACT
GGCAGAATTGCAAAGATGCATGAGGTGAAAGTAAAGATGGAGTTGGTGTGTCATGGATTCCATGGAAC
TAGAGAGACAAAGAGGAATCACTATTCAGTCAGCAGCCACTTACACCATGTGGAAAGATGCAATATTA
CATTATAGATACTCCTGGGCATGTGGACTTCACAATAGAAGTGGAAAGGGCCCTGAGAGTGTGGATGGT
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GCAGCAAATGAGGTCTAACTAAATCATAATGCAGCGTTTATGCAGATACCCATGGGTTTGGAGGTAAT
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CTGCTGTAGAAAAGGGGTTTTAGATGCCTGCGAGAAGGGCCCTTTCTGGTCAACAAGCTCTCTGGGCT
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GAAGGTGCTCTTAAACAAGCCTTGGCAAATGCAACATTATGTATTCTTGAACCTATTATGGCTGTGGAAG
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GCAAGATGGAGTTGAGGACTATTTACACTGTATGCAGATGTCCTCTAAATGATATGTTTGGTTATTCC
ACTGAACCTAGGTCATGCACAGAGGGAAAGGGAGAATACACAATGGAGTATAGCAGGTATCAGCCATGTT
TACCATCCACACAAGAAGACGTCATTAATAAGTATTTGGAAGCTACAGGTCAACTTCTGTAAAAAAGG
AAAAGCCAAGAAC

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC208239 protein sequence Red=Cloning site Green=Tags(s) MRLLGAAVAALGRGRAPASLGWQRKQVNWKACRWSSSGVIPNEKIRNIGISAHIDSGKTTLTERVLYYT GRIAKMHEVKGKDGVGAVMDSMELERQGITIQSAATYTMWKDVNINIIDTPGHVDFTIEVERALRVLDG AVLVLCVAVGGVQCQTMTVNRQMKRYNVPFLTFINKLDRMGSPARALQQMRSKLNHNAAFMQIPMGLEGN FKGIVDLIEERAIYFDGDFGQIVRYGEIPAELRAAATDHRQELIECVANSDEQLGEMFLEEKIPSISDLK LAIRRATLKRSFTPVFLGSALKNKGVQPLLDVLEYLPNPSEVQNYAILNKEDDSKEKTKILMNSSRDNS HPFVGLAFKLEVGRFGQLTYVRSYQGELKKGDTIYNTRTRKKVRLQRLARMHADMMEDVEEVYAGDICAL FGIDCASGDTFTDKANSGLSMESIHVPDPVISIAMKPSNKNDEKFSGKIGRFTREDPTFKVYFDTENKE TVISGMGELHLEIYAQRLEREYGCPCITGPKVAFRETITAPVPFDFTHKKQSGGAGQYGVIGVLEPLD PEDYTKLEFSDETFGSNIPKQFVPAVEKGFLDACEKGPLSGHKLSGLRFVLQDGAHMHMVSNEISFIRAG EGALKQALANATLCILEPIMAVEVVAPNEFQGQVIAGINRRHGVTGQDGVEDYFTLYADVPLNDMFGYS TELRSCTEGKGEYTMESRYQPCLPSTQEDVINKYLEATGQLPVKKGKAKN SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_024996
ORF Size:	2253 bp
Buffer:	PBS with 0.001% Pluronic F6231
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_024996.5</u>
RefSeq Size:	3468 bp
RefSeq ORF:	2256 bp
Locus ID:	85476
UniProt ID:	<u>Q96RP9</u>
Cytogenetics:	3q25.32
MW:	83.5 kDa