

Product datasheet for **SC212456**

GFM1 (NM_024996) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	GFM1 (NM_024996) Human 3' UTR Clone
Symbol:	GFM1
Synonyms:	COXPD1; EFG; EFG1; EFGM; EGF1; GFM; hEFG1; mtEF-G1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_024996
Insert Size:	2000 bp



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Insert Sequence: >SC212456 3'UTR clone of NM_024996
The sequence shown below is from the reference sequence of NM_024996. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCTGTTAAAAAGGAAAAGCCAAGAACAACTTTGCTTACTGTGAGTTGACTGACTCTAATTGAATCTG
CGTGGTTTTGATACTTTGATGGATTCCAGTGGAATAAATTCAGGCTGCTGAAACAAGAAATTCAGGCC
CAGGAAGCGGGCTCTTCTTTCTTCAAAAGAAGCCCTTCTTGTTTCATATTCAGGAGCTTCTGTTATATTC
AAAGGTAATTCTATGTCTATCTCAACTCTATTGATTGGTTTTATAGTTCATTGAAATCTCAAATAAAA
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GCATTTCCCCCATGAATGTCTGTTGCTACAGTAGCATCAGGTCTGAAAAAATGTGGTTGCTTTGGCATT
TCCTCAGCATCTTGTGACATTACAATAACTTTGAATATTGTTCCCTAATGAGGAAATACATTCTGTGTA
CCTTCATGGAAATTTAGCATGATTCCATATGGCTATTGAGAATAGTCACAATACTGGAACCTAACTGGAT
AAATAAGTAAAAAATCTACTATTTTTAATTTGTAAAACATCCTGGTTATAATGTTACAGTGTAGAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_024996.7](#)

Summary:	Eukaryotes contain two protein translational systems, one in the cytoplasm and one in the mitochondria. Mitochondrial translation is crucial for maintaining mitochondrial function and mutations in this system lead to a breakdown in the respiratory chain-oxidative phosphorylation system and to impaired maintenance of mitochondrial DNA. This gene encodes one of the mitochondrial translation elongation factors. Its role in the regulation of normal mitochondrial function and in different disease states attributed to mitochondrial dysfunction is not known. [provided by RefSeq, Jul 2008]
Locus ID:	85476
MW:	76.9