



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### GFM1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00085476-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human GFM1 full-length ORF ( NP\_079272.4, 1 a.a. - 751 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MRLLGAAVAALGRGRAPASLGWQRKQVNWKACRW  
SSSGVIPNEKIRNIGISAHIDSGKTTLTERVLYYTGRIAK  
MHEVKGKDGVGAVMDSMELERQRGITIQSAATYTMW  
KDVNINIIDTPGHVDFTIEVERALRVLDGAVLVLCVGG  
VQCQTMTVNRQMKRYNVPFLTFINKLDRMGSNPARAL  
QQMRSKLNHNAAFMQIPMGLEGNFKGIVDLIEERAIYF  
DGDGFGQIVRYGEIPAELRAAATDHRQELIECVANSDEQ  
LGEMFLEEKIPSISDLKLAIRRATLKRSTFPVFLGSALKN  
KGVQPLLDAVLEYLPNPSEVQNYAILNKEDDSKEKTKIL  
MNSSRDNSHPFVGLAFKLEVGRFGQLTYVRSYQGEL  
KKGDTIYNTRTRKKVRLQLRLARMHADMMEDVEEVYA  
GDICALFGIDCASGDTFTDKANSGLSMESIHVPDPVISI  
AMKPSNKNLLEKFSKIGRFTREDPTFKVYFDTENKE  
TVISGMGELHLEIYAQRLEREYGCPCITGKPKVAFRETI  
TAPVPFDFTTHKKQSGGAGQYGVIGVLEPLDPEDYTK  
LEFSDETFGSNIPKQFVPAVEKGFLDACEKGPLSGHKL  
SGLRFVLQDGAHHMVDSNEISFIRAGEGALKQALANA  
TLCILEPIMAVEVVAPNEFQGQVIAGINRRHGVITGQDG  
VEDYFTLYADVPLNDMFGYSTEELRSCTEGKGEYTMET  
SRYQPCLPSTQEDVINKYLEATGQLPVKKGKAKN

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 109.9

**Interspecies Antigen Sequence:** Mouse (91)

**Applications:** AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 85476

**Gene Symbol:** GFM1

**Gene Alias:** COXPD1, EFG, EFG1, EFGM, EGF1, FLJ12662, FLJ13632, FLJ20773, GFM, hEFG1

**Gene 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]