



# 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

### GFM2 (Human) Recombinant Protein (P01)

**Catalog Number:** H00084340-P01

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

**Product Description:** Human GFM2 full-length ORF ( NP\_115756.2, 1 a.a. - 779 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MLTNLRIFAMSHQTIPSVYINNCCYKIRASLKRLKPHVP  
LGRNCSSLPGLIGNDIKSLHSIINPPIAKIRNIGIMAHIDA  
GKTTTTTERILYYSGYTRSLGDVDDGDTVTDVFMAQERE  
RGITIQSAAVTFDWKGYRVNLIDTPGHVDFTLVERCL  
RVLDGAVAVFDASAGVEAQLTVWRQADKHNIPRICF  
LNKMDKTGASFKYAVESIREKLKAKPLLLQLPIGEAKTF  
KGVVDVVMKEKLLWNCNSNDGKDFERKPLLEMNDPE  
LLKETTEARNALIEQVADLDDEFADLVLEEFSENFDLLP  
AEKLQTAIHRVTLAQTAVPVLGCSALKNKGIQPLLDVAVT  
MYLPSPEERNYEFQWYKDDLCALAFKVLHDKQRGPL  
VFMRIYSGTIKPLAIHNINGNCTERISRLLLPFADQHV  
EIPSLTAGNIALTVGLKHTATGDTVSSKSSALAAARRA  
EREGEKKHRQNNEAERLLLAGVEIPEPVFFCTIEPPSL  
SKQPDLEHALKCLQREDPSLKVRLDPDSGQTVLCGM  
GELHIEIHDRIKREYGLETYLGPLQVAYRETILNSVRAT  
DTLDRTLGDKRHLVTVEVEARPIETSSVMPVIEFEYAE  
SINEGLLKVSQEAIENGIHSACLQGPLLGSPIQDVAITLH  
SLTIHPGTSTTMISACVSRVQKALKKADKQVLEPLMN  
LEVTVARDYLSPLADLAQRRGNIQEIQTRQDNKVVIG  
FVPLAEIMGYSTVLRRLTSGSATFALELSTYQAMNPQD  
QNTLLNRRSGLT

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

**Theoretical MW (kDa):** 113

**Interspecies Antigen Sequence:** Mouse (84); Rat (84)

**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:** 84340

**Gene Symbol:** GFM2

**Gene Alias:** EFG2, MST027, hEFG2

**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 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. Alternative splicing results in at least three transcript variants encoding distinct isoforms. [provided by RefSeq]