



# 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

### FRMD3 (Human) Recombinant Protein (P01)

**Catalog Number:** H00257019-P01

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

**Product Description:** Human FRMD3 full-length ORF (AAH41376.1, 1 a.a. - 581 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MIHFRSSSVKLSQEMRCTIRLLDDSEISCHIQRETKG  
QFLIDHICNYYSLLEKDYFGIRYVDPEKQRHWLEPNKSI  
FKQMKTHPPYTMCFRVKFPHEPLKIKEELTRYLLYLQI  
KRDIFHGHLLCSFSDAAYLGACIVQAELGDYDPNEHPE  
NYISEFEIFPKQSQKLERKIVEIHKNELRGQSPVAFEN  
LLLKAHTLETYGVDPHPCKDSTGTTTFLGFTAAGFVVF  
QGNKRIHLIKWPDVCKLKFEGKTFYVIGTQKEKKAMLA  
FNTSTPAACKHLWKCGVENQAFYKYAKSSQIKTVSSS  
KIFFKGSFRYSGKVAKEVVEASSKIQREPPEVHRANI  
TQSRSSHSLNKQLIINMEPLQPLLSPSEQEEELPLGE  
GVPLPKEENISAPLISSSPVKAAREYEDPPSEEDKIKE  
EPLTISELVYNPSASLLPTPVDDDEIDMLFDCPSRLELE  
REDTDSFEDLEADENAFLIAEEEEELKEARRALSWSYDI  
LTGHIRVNPLVKFSRLLVGLGLLLFFVPLLLLLLLESGI  
DLSFLCEIRQTPEFEQFHYYEYCYPLKEWVAGKVHLILY  
MLGCS

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

**Theoretical MW (kDa):** 93.3

**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:** 257019

**Gene Symbol:** FRMD3

**Gene Alias:** 4.1O, EPB41L4O, EPB41LO, MGC20553, P410

**Gene Summary:** Protein 4.1 of red blood cells, or 4.1R (EPB41; MIM 130500), is a multifunctional protein essential for maintaining erythrocyte shape and membrane mechanical properties. The protein 4.1 family comprises a group of structural proteins that includes, in addition to 4.1R, 4.1G (general type; MIM 603237), 4.1B (brain type; MIM 605331), 4.1N (neuron type; MIM 602879), and 4.1O (ovary type).[supplied by OMIM]