

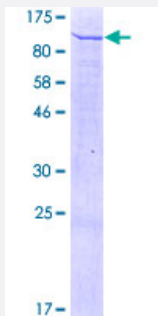
Full-Length

FRMD3 (Human) Recombinant Protein (P01)

Catalog # H00257019-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

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

Sequence

MIHFRSSSVKSLSQEMRCTIRLLDDSEISCHIQRETKGQFLIDHICNYSLLEKDYFGIRYVDPEKQR
HWLEPNKSIFKQMKTHPPYTMCFRVKFYPHEPLKIKEELTRYLLYLQIKRDIFHGHLCSFSDAAYL
GACVQAELGDYDPNEHPENYSEFEIFPKQSQKLERKIVEIHKNELRGQSPVAFNLLLKAHTLE
TYGVDPHPCKDSTGTTTFLGFTAAGFVVFGGNKRIHLIKWPDVCKLKFEKTFYVIGTQKEKKAML
AFNTSTPAACKHLWKCGVENQAFYKYAKSSQIKTVSSSKIFFKGSFRFRYSGKVAKEVVEASSKIQ
REPPEVHRANITQSRSSHSLNKQLIINMEPLQPLLPSPSEQEEELPLGEGVPLPKEENISAPLISS
PVKAAREYEDPPSEEDKIKEEPLTISELVYNPSASLLPTVDDDEIDMLFDCPSRLELEREDTDS
FEDLEADENAFLIAEEEEELKEARRALSWSYDILTGHIRVNPLVKSFSRLLVVGGLLLFVFPLLLLLL
ESGIDLSFLCEIRQTPEFEQFHYEYYCPLKEWVAGKVHLILYMLGCS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

93.3

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

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.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — FRMD3

Entrez GeneID[257019](#)**GeneBank Accession#**[BC041376.2](#)**Protein Accession#**[AAH41376.1](#)**Gene Name**

FRMD3

Gene Alias

4.1O, EPB41L4O, EPB41LO, MGC20553, P410

Gene Description

FERM domain containing 3

Omim ID[607619](#)**Gene Ontology**[Hyperlink](#)**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]

Other Designations

OTTHUMP00000063598|band 4.1-like protein 4|protein 4.1O

Disease

- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Proteinuria](#)
- [Tobacco Use Disorder](#)