

Recombinant Human FRMD3 Protein, GST-tagged

Cat. No. FRMD3-4499H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FRMD3 full-length ORF (AAH41376.1, 1 a.a. - 581 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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
Molecular Mass	93.3 kDa
AA Sequence	MIHFRSSSVKSLSQEMRCTIRLLDDSEISCHIQRETKGQFLIDHICNYSSLLEKDYFGI RYVDPEKQRHWLEPNKSIFKQMKTHPPYTMCFRVKFYPHEPLKIKEELTRYLLYLQIK RDIFHGHLLCSFSDAAYLGACIVQAELGDYDPNEHPENYISEFEIFPKQSQKLERKIVE IHKNELRGQSPVVAEFNLLLKAHTLETYGVDPHPCKDSTGTTTFLGFTAAGFVVFQG NKRIHLIKWPDVCKLKFEGKTFYVIGTQKEKKAMLAFNTSTPAACKHLWKCGVENQA FYKYAKSSQIKTVSSSKIFFKGSFRFRYSGKVAKEVVEASSKIQREPPEVHRANITQSR SSHSLNKQLIINMEPLQPLLSPSEQEEELPLGEGVPLPKEENISAPLISSSPVKAARE YEDPPSEEDKIKEEPLTISELVYNPSASLLPTPDDDEIDMLFDCPSRLELEREDTD SFEDLEADENAFLIAEEEEELKEARRALSWSYDILTGHIRVNPLVKFSRLLVVGLGLLL

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FVFPLLLLLLLESGIDLSFLCEIRQTPEFEQFHYEYYCPLKEWVAGKVHLILYMLGCS

Applications

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

Notes

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

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

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

GENE INFORMATION

Gene Name

FRMD3 FERM domain containing 3 [Homo sapiens]

Official Symbol

FRMD3

Synonyms

FRMD3; FERM domain containing 3; FERM domain-containing protein 3; EPB41L4O; MGC20553; protein 4.1O; ovary type protein 4.1; band 4.1-like protein 4; band 4.1-like protein 4O; 4.1O; P410; EPB41LO; RP11-439K3.2;

Gene ID

257019

mRNA Refseq

NM_001244959

Protein Refseq

NP_001231888

MIM

607619

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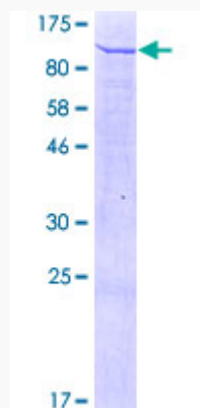
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UniProt ID

A2A2Y4

Quality Control
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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