

# Product Information

## MemDX™ Membrane Protein Human FRMD3 (FERM domain containing 3) Full Length

Cat. No.: **MPC4904K**

This product is for research use only and is not intended for diagnostic use.

This product is a made-to-order Human FRMD3 membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

### Product Specifications

#### Host Species

Human

#### Target Protein

FRMD3

#### Protein Length

Full length

#### Protein Class

Receptor

#### TMD

1

#### Sequence

MFASCHCVPRGRRTMKMIHFRSSSVKSLSQEMRCTIRLLDDSEISCHIQR  
ETKGQFLIDHICNYSSLLEKDYFGIRYVDPEKQRHWLEPNKSIFKQMKTH  
PPYTMCFRVKFYPHEPLKIKEELTRYLLYLQIKRDIFHGRLLCSFSDAAY  
LGACIVQAELGDYDPDEHPENYISEFEIFPKQSQKLERKIVEIHKNELRG  
QSPPVAEFNLLLKAHTLETYGVDPHPCKDSTGTTTFLGFTAAGFVVFQGN  
KRIHLIKWPDVCKLKFEKGTFYVIGTQKEKKAMLAFTSTPAACKHLWKC  
GVENQAFYKYAKSSQIKTVSSSKIFFKGSFRYSGKVAKEVVEASSKIQR  
EPPEVHRANITQSRSSHSLNKQLIINMEPLQPLLSPSEQEEELPLGEGV  
PLPKEENISAPLISSPVKAAREYEDPPSEEDKIKEEPLTISELVYNPS  
ASLLPTPVDDDEIDMLFDCPSRLELEREDTDSFEDLEADENAFIAEEEE  
LKEARRALWSYDILTGHIRVNPVLKSFRLVGLGLLLFVFPLLLLLL  
ESGIDLSFLCEIRQTPEFEQFHYYCPLKEWVAGKVHLILYMLGCS

### Product Description

#### Expression Systems

HEK293

#### Tag

Based on specific requirements

**Protein Format**

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

**Form**

Liquid

**Storage**

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

**Target****Target Protein**

FRMD3

**Full Name**

FERM domain containing 3

**Introduction**

The protein encoded by this gene is a single pass membrane protein primarily found in ovaries. A similar protein in erythrocytes helps determine the shape of red blood cells, but the function of the encoded protein has not been determined. There is some evidence that this is a tumor suppressor gene, and there is also evidence linking defects in this gene to susceptibility to diabetic nephropathy in type 1 diabetes. Several transcript variants encoding different isoforms have been found for this gene.

**Alternative Names**

FRMD3; 4.1O; P410; EPB41LO; EPB41L4O; FERM domain-containing protein 3; band 4.1-like protein 4; band 4.1-like protein 4O; ovary type protein 4.1; protein 4.1O; FERM domain containing 3

**Gene ID**

[257019](#)

**UniProt ID**

[A2A2Y4](#)