

# Product Information

## **MemDX™ Membrane Protein Human FRMD3 (FERM domain containing 3) Expressed *in vitro* *E.coli* expression system, Full Length**

Cat. No.: **MPX1951K**

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

This product is a Human FRMD3 membrane protein expressed *in vitro* *E.coli* expression system. 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

MFASCHCVPRGRRTMKMIHFRSSSVKSLSQEMRCTIRLLDDSEISCHIQRETKGQFLIDHICNYSSLLEKDYFGIRYVDPEKQRHWL

### Product Description

#### Expression Systems

*in vitro* *E.coli* expression system

#### Tag

10xHis tag at the N-terminus

#### Protein Format

Soluble

#### Form

Liquid or Lyophilized powder

#### Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

### **Storage**

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°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](#)