

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

MFASCHCVPRGRRTMKMIHFRSSSVKSLSQEMRCTIRLLDDSEISCHIQRETKGQFLIDHICNYYSLEKDYFGIRYVDPEKQRHWL

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](#)