

Product Information

MemDX™ Membrane Protein Human FXD2 (FXD domain containing ion transport regulator 2) expressed in E.coli for Antibody Discovery

Cat. No.: **MP1382J**

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

This product is a 34.4 kDa Human FXD2 membrane protein expressed in E.coli. 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

FXD2

Protein Length

Partial (1-64aa)

Protein Class

Ion Channel

Molecular Weight

34.4 kDa

Sequence

MDRWYLGGSPPKGDVDPFYDYETVRNGGLIFAGLAFIVGLLILLSRRFRCCGNGKKRRQINEDEP

Product Description

Expression Systems

E.coli

Tag

N-GST

Form

Liquid or Lyophilized powder

Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration).

Purity

>85% as determined by SDS-PAGE

Buffer

Liquid: Tris/PBS-based buffer, 5%-50% glycerol

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

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

FXVD2

Full Name

FXVD domain containing ion transport regulator 2

Introduction

This gene encodes a member of the FXVD family of transmembrane proteins. This particular protein encodes the sodium/potassium-transporting ATPase subunit gamma. Mutations in this gene have been associated with Renal Hypomagnesemia-2. Alternatively spliced transcript variants have been described. Read-through transcripts have been observed between this locus and the upstream FXVD domain-containing ion transport regulator 6 (FXVD6, GeneID 53826) locus.

Alternative Names

FXVD2; ATP1C; ATP1G1; Sodium/potassium-transporting ATPase subunit gamma; Na(+)/K(+) ATPase subunit gamma; FXVD domain-containing ion transport regulator 2; Sodium pump gamma chain

Gene ID

[486](#)

UniProt ID

[P54710](#)