

Product Information

MemDX™ Membrane Protein Human FXD2 (FXD domain containing ion transport regulator 2, transcript variant c) for Antibody Discovery

Cat. No.: **MP1214J**

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

This product is a 14.9 kDa Human FXD2 membrane protein expressed in HEK293T. 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

Full-length

Protein Class

Druggable Genome, Ion Channels: Other, Transmembrane

Molecular Weight

14.9 kDa

TMD

1

Sequence

MTGLSMDGGGSPKGDVDPFYDYETVRNGGLIFAGLAFIVGLLILLSRRFRCGGNKKRRQINEDEP

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

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

Target**Target Protein**

FXYP2

Full Name

FXYP domain containing ion transport regulator 2

Introduction

This gene encodes a member of the FXYP 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 FXYP domain-containing ion transport regulator 6 (FXYP6, GeneID 53826) locus.

Alternative Names

ATP1G1; HOMG2

Gene ID

[486](#)

UniProt ID

[P54710](#)