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Product Information

MemDX™ Membrane Protein Human FXYD2 (FXYD domain containing ion transport regulator 2, transcript variant a) for Antibody Discovery

Cat. No.: **MP1211J**
This product is for research use only and is not intended for diagnostic use.

This product is a 7.1 kDa Human FXYD2 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
FXYD2

Protein Length
Full-length

Protein Class
Druggable Genome, Ion Channels: Other, Transmembrane

Molecular Weight
7.1 kDa

TMD
1

Sequence
MTGLSMDGGGSPKGDVDPFYYDYETVRNGGLIFAGLAFIVGLLILLSRRFRCGGNKKRRQINEDEP

Product Description

Expression Systems
HEK293T

Tag
C-Myc/DDK

Form
Liquid

Purification

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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

FXYD2

Full Name

FXYD domain containing ion transport regulator 2

Introduction

This gene encodes a member of the FXYD 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 FXYD domain-containing ion transport regulator 6 (FXYD6, GeneID 53826) locus.

Alternative Names

ATP1G1; HOMG2

Gene ID

486

UniProt ID

P54710

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