SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com
www.creative-biolabs.com

Product Information

MemDX™ Membrane Protein Human FXYD2 (FXYD 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 FXYD2 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
FXYD2

Protein Length
Partial (1-64aa)

Protein Class
Ion Channel

Molecular Weight
34.4 kDa

Sequence
MDRWYLGGSPKGDVDPFYYDYETVRNGGLIFAGLAFIVGLLILLSRRFRCGGNKKRRQINEDEP

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

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

FXYD2; ATP1C; ATP1G1; Sodium/potassium-transporting ATPase subunit gamma; Na(+)/K(+) ATPase subunit gamma; FXYD domain-containing ion transport regulator 2; Sodium pump gamma chain

Gene ID

486

UniProt ID

P54710