

Product Information

MemDX™ Membrane Protein Human FXYD3 (FXYD domain containing ion transport regulator 3) Full Length

Cat. No.: **MPC0504K**

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

This product is a 9.2 kDa Human FXYD3 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

FXYD3

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

9.2 kDa

TMD

1

Sequence

MQKVTLLVFLVFLAGFPVLDANDLEDKNSPFYYDWHSLQVGGGLICAGVLCA
MGIIVMSAKCKCKFGQKSGHHPGETPPLITPGSAQS

Product Description

Expression Systems

E.coli

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

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

FXYD3

Full Name

FXYD domain containing ion transport regulator 3

Introduction

This gene belongs to a small family of FXYD-domain containing regulators of Na⁺/K⁺ ATPases which share a 35-amino acid signature sequence domain, beginning with the sequence PFXYD, and containing 7 invariant and 6 highly conserved amino acids. This gene encodes a cell membrane protein that may regulate the function of ion-pumps and ion-channels. This gene may also play a role in tumor progression. Alternative splicing results in multiple transcript variants encoding distinct isoforms.

Alternative Names

MAT8; PLML; FXYD domain-containing ion transport regulator 3; chloride conductance inducer protein Mat-8; mammary tumor 8 kDa protein; phospholemman-like protein; sodium/potassium-transporting ATPase subunit FXYD3; FXYD3; FXYD domain containing ion transport regulator 3

Gene ID

[5349](#)

UniProt ID

[Q14802](#)