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Product Information

MemDX™ Membrane Protein Human FXYD3 (FXYD domain containing ion transport regulator 3, transcript variant 7) for Antibody Discovery

Cat. No.: **MP0947J**
This product is for research use only and is not intended for diagnostic use.

This product is a 7.1 kDa Human FXYD3 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
FXYD3

Protein Length
Full-length

Protein Class
Ion Channels: Other, Transmembrane

Molecular Weight
7.1 kDa

TMD
1

Sequence
MQKVTLGLLVFLAGFPVLDANDLEDKNSPFYYDWHSLQVGGLICAGVLCAMGIIIVMSAKCKCKFGQKSG
HHPGETPPLITPGSAQS

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

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

Gene ID

5349

UniProt ID

Q14802