

Product Information

MemDX™ Membrane Protein Human FXYP4 (FXYP domain containing ion transport regulator 4) Full Length

Cat. No.: **MPC0505K**

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

This product is a 9.3 kDa Human FXYP4 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

FXYP4

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

9.3 kDa

TMD

1

Sequence

MERVTLALLLLAGLTALEANDPFANKDDPFYYDWKNLQLSGLICGGLLAI
AGIAAVLSGKCKCKSSQKQHSPVPEKAIPLITPGSATTC

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

FXYP4

Full Name

FXYP domain containing ion transport regulator 4

Introduction

This gene encodes a member of a family of small membrane proteins that share a 35-amino acid signature sequence domain, beginning with the sequence PFXYP and containing 7 invariant and 6 highly conserved amino acids. The approved human gene nomenclature for the family is FXYP-domain containing ion transport regulator. FXYP4, originally named CHIF for channel-inducing factor, has been shown to modulate the properties of the Na,K-ATPase, as has FXYP2, also known as the gamma subunit of the Na,K-ATPase, and FXYP7. Transmembrane topology has been established for FXYP4 and two family members (FXYP1 and FXYP2), with the N-terminus extracellular and the C-terminus on the cytoplasmic side of the membrane. Alternatively spliced transcript variants encoding the same protein have been found.

Alternative Names

CHIF; FXYP domain-containing ion transport regulator 4; channel-inducing factor; FXYP4; FXYP domain containing ion transport regulator 4

Gene ID

[53828](#)

UniProt ID

[P59646](#)