

# Product Information

## **MemDX™ Membrane Protein Human FXYD6 (FXYD domain containing ion transport regulator 6) Full Length**

Cat. No.: **MPC0507K**

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

This product is a 10.5 kDa Human FXYD6 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**

FXYD6

#### **Protein Length**

Full length

#### **Protein Class**

Transporter

#### **Molecular Weight**

10.5 kDa

#### **TMD**

1

#### **Sequence**

MELVLVFLCSLLAPMVLASAAEKEKEMDPFHYDYQTLRIGGLVFAVVLFS  
VGILLILSRCKCSFNQKPRAPGDEEAQVENLITANATEPQKAEN

### 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

FXYP6

#### Full Name

FXYP domain containing ion transport regulator 6

#### Introduction

This gene encodes a member of the FXYP family of transmembrane proteins. This particular protein encodes phosphohippolin, which likely affects the activity of Na,K-ATPase. Multiple alternatively spliced transcript variants encoding the same protein have been described. Related pseudogenes have been identified on chromosomes 10 and X. Read-through transcripts have been observed between this locus and the downstream sodium/potassium-transporting ATPase subunit gamma (FXYP2, GenelD 486) locus.

#### Alternative Names

FXYP domain-containing ion transport regulator 6; phosphohippolin; FXYP6; FXYP domain containing ion transport regulator 6

#### Gene ID

[53826](#)

#### UniProt ID

[Q9H0Q3](#)