

# Product Information

## **MemDX™ Membrane Protein Human FXYP3 (FXYP domain containing ion transport regulator 3, transcript variant 8) for Antibody Discovery**

Cat. No.: **MP1078J**

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

This product is a 9.8 kDa Human FXYP3 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

FXYP3

#### Protein Length

Full-length

#### Protein Class

Ion Channels: Other, Transmembrane

#### Molecular Weight

9.8 kDa

#### TMD

1

#### Sequence

MQKVTLLGLLVFLAGFPVLDANDLEDKNSPFYYDWHSLQVGGICAGVLCAMGIIIVMSEWRSSGEQAGRG  
WGSPPLTTQLSPTGAKCKCKFGQKSGHHPGETPPLITPGSAQS

### 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<sup>+</sup>/K<sup>+</sup> 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](#)