

# Product Information

## MemDX™ Membrane Protein Human FATE1 (Fetal and adult testis expressed 1)

Cat. No.: **MP0240J**

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

This product is a 20.5 kDa Human FATE1 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

FATE1

#### Protein Length

Full-length

#### Protein Class

Transmembrane

#### Molecular Weight

20.5 kDa

#### TMD

1

#### Sequence

MAGGPPNTKAEMEMSLAEELNHGRQGENQEHLVIAEMMELGSRSRGASQKKQKLEQKAAGSASAKRVWNM  
TATRPKKMGSQLPKPRMLRESGHGDAHLQEYAGNFQGIRFHYDRNPGTDAVAQTSLEEFNVLEMEVMRRQ  
LYAVNRRRLRALEEQGATWRHRETLIIAVLVSASIANLWLWMNQ

### 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**

FATE1

**Full Name**

Fetal and adult testis expressed 1

**Introduction**

This gene encodes a cancer-testis antigen that is highly expressed in hepatocellular carcinomas and other tumors and weakly expressed in normal tissues except testis. The protein is strongly expressed in spermatogonia, primary spermatocytes, and Sertoli cells in seminiferous tubules. This protein may have a role in the control of early testicular differentiation and cell proliferation.

**Alternative Names**

CT43; FATE; BJ-HCC-2 antigen; cancer/testis antigen 43; tumor antigen BJ-HCC-2

**Gene ID**

[89885](#)

**UniProt ID**

[Q969F0](#)