

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

MAGGPPNTKAEMEMSLAEELNHGRQGENQEHLVIAEMMELGSRSRGASQKKQKLEQKAAGSASAKRVWNMTATRPKKMGSQLPKPRMLRESGHGDAHLQEYAGNFQGIRFHYDRNPGTDAVAQTSLEEFNVLEMEVMRRQLYAVNRRRLRALEEQQGATWRHRETLIIVLVSASIANLWLWMNQ

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](#)