

Product Information

MemDX™ Antibody Discovery - Human FOLR1 (25-233) Membrane Protein, Partial, -His tag

Cat. No.: **MP0081F**

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

This membrane protein is Human FOLR1 (25-233). It has been tested in SDS-PAGE, ELISA, SEC-HPLC. We provide this protein to facilitate your membrane protein antibody discovery and development.

Product Specifications

Host Species

Human

Target Protein

FOLR1

Protein Length

ECD

Molecular Weight

The protein has a calculated MW of 26.5 kDa. The protein migrates as 35-40 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Sequence

AA Arg 25 - Met 233 (Accession # P15328-1).

Product Description

Activity

Yes

Application

SDS-PAGE, ELISA, SEC-HPLC

Expression Systems

HEK293

Tag

His tag at the C-terminus

Protein Format

Soluble

Form

LYOPH

Reconstitution

Please see Certificate of Analysis for specific instructions.

Endotoxin

<1.0 EU/μg by the LAL method

Purity

>95% as determined by SDS-PAGE.

>95% as determined by SEC-HPLC.

Buffer

Lyophilized from 0.22 μm filtered solution in 50 mM Tris, 100 mM Glycine, pH7.5 . Normally trehalose is added as protectant before lyophilization.

Storage

Stored at lyophilized form at -20°C or lower. Avoid repeated freeze-thaw cycles.

The antigen can be stable for 12 months in lyophilized form after storage at -20°C to -80°C, 3 months under sterile conditions after reconstitution after storage at -80°C.

Target**Target Protein**

FOLR1

Full Name

folate receptor alpha

Introduction

The protein encoded by this gene is a member of the folate receptor family. Members of this gene family bind folic acid and its reduced derivatives, and transport 5-methyltetrahydrofolate into cells. This gene product is a secreted protein that either anchors to membranes via a glycosyl-phosphatidylinositol linkage or exists in a soluble form. Mutations in this gene have been associated with neurodegeneration due to cerebral folate transport deficiency. Due to the presence of two promoters, multiple transcription start sites, and alternative splicing, multiple transcript variants encoding the same protein have been found for this gene

Alternative Names

FBP; FOLR; NCFTD; Fralpha; folate receptor alpha; FR-alpha; KB cells FBP; adult folate-binding protein; folate binding protein; folate receptor 1 (adult); folate receptor, adult; ovarian tumor-associated antigen MOv18

Gene ID

[2348](#)

UniProt ID

[P15328](#)