

Product Information

MemDX™ Antibody Discovery - Human FOLR2 (17-228) Membrane Protein, Partial, -His tag

Cat. No.: **MP0117F**

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

This membrane protein is Human FOLR2 (17-228). It has been tested in SDS-PAGE, ELISA. We provide this protein to facilitate your membrane protein antibody discovery and development.

Product Specifications

Host Species

Human

Target Protein

FOLR2

Protein Length

ECD

Molecular Weight

The protein has a calculated MW of 26.5 kDa. The protein migrates as 30-35 kDa under reducing (R) condition (SDS-PAGE) due to N-linked glycosylation which has been verified by PNGase F digestion.

Sequence

AA Thr 17 - His 228 (Accession # P14207-1).

Product Description

Activity

Yes

Application

SDS-PAGE, ELISA

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

>90% as determined by SDS-PAGE.

Buffer

Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. 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**

FOLR2

Full Name

folate receptor beta

Introduction

The protein encoded by this gene is a member of the folate receptor (FOLR) family, and these genes exist in a cluster on chromosome 11. Members of this gene family have a high affinity for folic acid and for several reduced folic acid derivatives, and they mediate delivery of 5-methyltetrahydrofolate to the interior of cells. This protein has a 68% and 79% sequence homology with the FOLR1 and FOLR3 proteins, respectively. Although this protein was originally thought to be specific to placenta, it can also exist in other tissues, and it may play a role in the transport of methotrexate in synovial macrophages in rheumatoid arthritis patients. Multiple transcript variants that encode the same protein have been found for this gene.

Alternative Names

FBP; FOLR1; FR-P3; FRbeta; FR-BETA; BETA-HFR; FBP/PL-1; folate receptor beta; folate receptor 2 (fetal); folate receptor alpha; folate receptor, fetal/placental; folate-binding protein, fetal/placental; placental folate-binding protein

Gene ID

[2350](#)

UniProt ID

[P14207](#)