

Datasheet for ABIN7092685

FOLR2 Protein (AA 17-228) (mFc Tag)

2 Images



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Overview

Quantity:	100 µg
Target:	FOLR2
Protein Characteristics:	AA 17-228
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FOLR2 protein is labelled with mFc Tag.

Product Details

Purpose:	Recombinant human FOLR2 protein with C-terminal mouse Fc tag
Specificity:	FOLR2 (Thr17-His228) mFc (Pro99-Lys330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	FOLR2
Alternative Name:	FOLR2 (FOLR2 Products)
Background:	The protein encoded by this gene is a member of the folate receptor (FOLR) family, and these

Target Details

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. [provided by RefSeq, Jul 2008]

Molecular Weight: predicted molecular mass of 50.7 kDa after removal of the signal peptide. The apparent molecular mass of FOLR2-mFc is 35-55 kDa due to glycosylation.

UniProt: [P14207](#)

Pathways: [Dicarboxylic Acid Transport](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

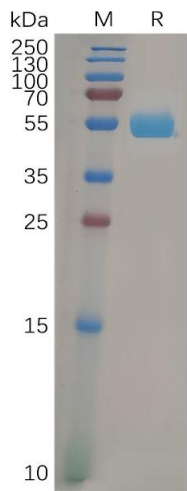
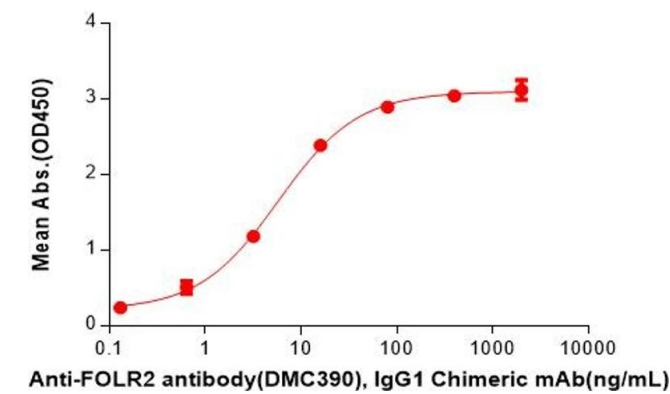
Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C, -80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months

Human FOLR2,mFc Tagged protein ELISA
0.2 µg of Human FOLR2, mFc tagged protein per well



ELISA

Image 1. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human F Protein, mFc Tag(ABIN7092685, ABIN7272160 and ABIN7272161) can bind Anti-F antibody, IgG1 Chimeric mAb in a linear range of 0.64-16 ng/mL.

SDS-PAGE

Image 2. Human F Protein, mFc Tag on SDS-PAGE under reducing condition.