

## Datasheet for ABIN2566597 **FOLR2 Protein (His tag)**



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### Overview

Quantity:	0.1 mg
Target:	FOLR2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This FOLR2 protein is labelled with His tag.
Application:	ELISA, Western Blotting (WB)

### Product Details

Characteristics:	Measured by its binding ability in a functional ELISA. When Folic AcidBovine Serum Albumin was coated at 5 µg/mL (100 µL/well), the concentration of rhFOLR2 that produces 50 % of the optimal binding response was found to be approximately 0. 15-1. 1 nM.
Purity:	>95 % as determined by SDS-PAGE.

### Target Details

Target:	FOLR2
Alternative Name:	FOLR2 ( <a href="#">FOLR2 Products</a> )
Background:	Folate receptor beta is also known as Folate receptor 2, FBP, FOLR2, BETA-HFR, FBP/PL-1, FR-BETA, FR-P3, and is a member of the folate receptor (FOLR) family. and mediate delivery of 5-methyltetrahydrofolate to the interior of cells. This protein has a 68 % and 79 % sequence

## Target Details

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homology with the FOLR1 and FOLR3 proteins, respectively. The FOLR2 protein was originally thought to exist only in placenta, but is also detected in spleen, bone marrow, and thymus. FOLR2 is predominantly expressed in placenta, cells of the neutrophilic lineage, and some CD34+ hematopoietic progenitor cells. It is upregulated on myeloid leukemias, head and neck squamous cell carcinomas, and several nonepithelial cancers. It is also upregulated on macrophages and monocytes at chronic inflammatory sites including rheumatoid arthritis synovium and glioblastoma. FOLR2 is a marker for macrophages generated in the presence of M-CSF, but not GM-CSF. Its expression correlates with increased folate uptake ability. Folate conjugates of therapeutic drugs are a potential immunotherapy tool to target tumor-associated macrophages.

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Molecular Weight: 26 kDa

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Gene ID: 2350

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UniProt: [P14207](#)

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Pathways: [Dicarboxylic Acid Transport](#)

## Application Details

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Application Notes: This recombinant protein can be used for WB, ELISA. For research use only.

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

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Buffer: PBS, pH 7.4

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Storage: -80 °C, -20 °C

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Storage Comment: Lyophilized Protein should be stored at -20°C or lower for long term storage. Upon reconstitution, working aliquots should be stored at -20°C or -70°C. Avoid repeated freeze-thaw cycles.