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Datasheet for ABIN6964188 FOLR2 Protein (Fc Tag)

Overview

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

Product Details

Purpose:	Recombinant Human FOLR2 with C-terminal human Fc tag
Specificity:	FOLR2 (Thr17-His228) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
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:	Synonymes: BETA-HFR, FBP, FBP/PL-1, FR-BETA, FR-P3, FRbeta Description: 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

Target Details

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.

Molecular Weight: predicted molecular mass of 50.7 kDa after removal of the signal peptide. The apparent molecular mass of FOLR2-hFc is 55-70 kDa due to glycosylation.

UniProt: [P14207](#)

Pathways: [Dicarboxylic Acid Transport](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute with deionized water

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

Preservative: Without preservative

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