

# Active Recombinant Human FOLR1 protein, Fc-Avi-tagged, Biotinylated

Cat. No. FOLR1-1466H Lot. No. (See product label)

## SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Biotinylated Recombinant Human FOLR1 protein(Arg25-Met233), fused with Avi and Fc tag, was expressed in HEK293.   |
| <b>Species</b>          | Human   |
| <b>Source</b>           | HEK293  |
| <b>ProteinLength</b>    | 25-233 a.a.   |
| <b>Form</b>             | Lyophilized from 0.22 µm filtered solution in PBS, pH7.4.   |
| <b>Bio-activity</b>     | Immobilized Folic acid-BSA conjugate at 5 µg/mL (100 µL/well) can bind Biotinylated Human FOLR1, Fc,Avitag with a linear range of 0.2-5 ng/mL.Immobilized Biotinylated Human FOLR1, Fc,Avitag at 1 µg/mL (100 µL/well) on streptavidin precoated (0.5µg/well) plate can bind Anti-FOLR1 Antibody,Mouse IgG1 with a linear range of 0.1-2 ng/mL.Immobilized Anti-FOLR1 Antibody,Mouse IgG1 at 1 µg/mL (100 µL/well) can bind Biotinylated Human FOLR1, Fc,Avitag with a linear range of 0.2-5 ng/mL. |
| <b>Molecular Mass</b>   | This protein carries a human IgG1 Fc tag at the C-terminus, followed by an Avi tag (Avitag™).The protein has a calculated MW of 53.3 kDa. The protein migrates as 60-70 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.   |
| <b>Proteinlength</b>    | Arg25-Met233  |

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|                       |  |
|-----------------------|--|
| <b>Endotoxin</b>      | Less than 1.0 EU per µg by the LAL method.   |
| <b>Purity</b>         | >95% as determined by SDS-PAGE.>90% as determined by SEC-MALS.   |
| <b>Storage</b>        | For long term, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution. |
| <b>Reconstitution</b> | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.  |
| <b>Conjugation</b>    | Biotin   |

## GENE INFORMATION

|                        |   |
|------------------------|---|
| <b>Gene Name</b>       | FOLR1 folate receptor 1 (adult) [ Homo sapiens ]  |
| <b>Official Symbol</b> | FOLR1   |
| <b>Synonyms</b>        | FOLR1; folate receptor 1 (adult); FOLR; folate receptor alpha; FR-alpha; KB cells FBP; folate binding protein; folate receptor, adult; adult folate-binding protein; ovarian tumor-associated antigen MOv18; FBP; |
| <b>Gene ID</b>         | 2348  |
| <b>mRNA Refseq</b>     | NM_000802   |
| <b>Protein Refseq</b>  | NP_000793   |
| <b>MIM</b>             | 136430  |

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UniProt ID

P15328

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