

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

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

SPECIFICATION

Product Overview	Biotinylated Recombinant Human FOLR1 protein(Arg25-Met233), fused with Avi and Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	25-233 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4.
Bio-activity	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.
Molecular Mass	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.
Proteinlength	Arg25-Met233

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Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.>90% as determined by SEC-MALS.
Storage	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.
Reconstitution	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.
Conjugation	Biotin

GENE INFORMATION

Gene Name	FOLR1 folate receptor 1 (adult) [Homo sapiens]
Official Symbol	FOLR1
Synonyms	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;
Gene ID	2348
mRNA Refseq	NM_000802
Protein Refseq	NP_000793
MIM	136430

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UniProt ID

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