

Active Recombinant Human FOLR1 protein, His-tagged

Cat. No. FOLR1-030H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human FOLR1 protein(Arg 25 - Met 233), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Arg25-Met233
Form	Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM Glycine, pH7.5 . Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Folic Acid-BSA Conjugate at 5 µg/mL (100 µL/well) can bind Human FOLR1, His Tag with a linear range of 5-78 ng/mL.Immobilized Human FOLR1, His Tag at 1 µg/mL (100 µL/well) can bind Anti-FOLR1 Antibody,Mouse IgG1 with a linear range of 0.2-1 ng/mL.Immobilized Anti-FOLR1 Antibody,Mouse IgG1 at 1 µg/mL (100 µL/well) can bind Human FOLR1, His Tag with a linear range of 1-5 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus.The protein has a calculated MW of 26.5 kDa. The protein migrates as 35-40 KDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.>95% as determined by SEC-MALS.

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Storage For long term, the product should be stored at lyophilized state at -20°C or lower. Please protect from light and 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.

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

UniProt ID P15328

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