

Active Recombinant Human FOLR1 protein, His-tagged

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

SPECIFICATION

Product Overview	Active Recombinant Human FOLR1 protein(NP_057937.1) (Arg 25 - Met 233) was expressed in HEK293, with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	25-233 aa
Form	Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM Glycine, pH7.5 with trehalose as protectant.
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.
Molecular Mass	The protein has a calculated MW of 26.5 kDa. The protein migrates as 32-40 kDa when calibrated against Star Ribbon Pre-stained Protein Marker under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 0.1 EU per µg by the LAL method / rFC method.
Purity	>95% as determined by SDS-PAGE. >95% as determined by SEC-MALS.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage

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at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 12 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](#)

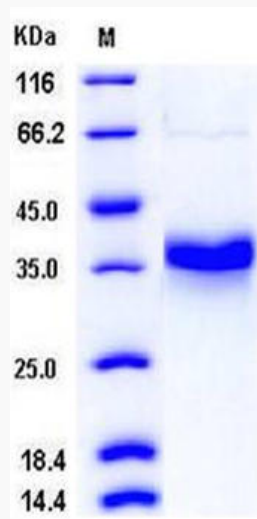
UniProt ID [P15328](#)

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SDS-PAGE



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