

## Active GMP Recombinant Human FOLR1 protein

Cat. No. FOLR1-039HG    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	GMP Recombinant Human FOLR1 protein(NP_000793)(211 aa), fused with His Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	DNA sequence encoding Human FOLR1(UniProtKB - P15328) was expressed with His tag at the C-terminal.
<b>Form</b>	Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol.
<b>Bio-activity</b>	Functional enzyme-linked immunosorbent assay was used to determine its binding capacity. When folate-bovine serum albumin is coated at 5ug/ml (100ul/well), the concentration of recombinant FOLR1 that produces 50% of the best binding reaction is about 0.8-2nM.
<b>Molecular Mass</b>	Recombinant Human FOLR1 protein contains 211 aa. It has a predicted MW of 26.3 kDa.
<b>Endotoxin</b>	<0.1EU/ug
<b>Purity</b>	>=95% by SDS-PAGE and HPLC

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**Storage** The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing

**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** FOLR-1; FBP; FOLR

**Gene ID** 2348

**mRNA Refseq** NM\_000802

**Protein Refseq** NP\_000793

**MIM** 136430

**UniProt ID** P15328

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