

Active GMP Recombinant Human FOLR1 protein

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	HEK293
ProteinLength	DNA sequence encoding Human FOLR1(UniProtKB - P15328) was expressed with His tag at the C-terminal.
Form	Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol.
Bio-activity	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.
Molecular Mass	Recombinant Human FOLR1 protein contains 211 aa. It has a predicted MW of 26.3 kDa.
Endotoxin	<0.1EU/ug
Purity	>=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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