

Recombinant Human FOLR1 Protein, C-6His-Avi tagged, Biotinylated

Cat. No. FOLR1-31H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human Folate Receptor alpha is produced by our Mammalian expression system and the target gene encoding Arg25-Ser234 is expressed with a 6His, Avi tag at the C-terminus.
Species	Human
Source	Human Cells
ProteinLength	Arg25-Ser234
Description	Folate receptor alpha(FOLR) belongs to the folate receptor family, and is primarily expressed in tissues of epithelial origin. It is also expressed in kidney, lung and cerebellum. The secreted form is derived from the membrane-bound form either by cleavage of the GPI anchor, or/and by proteolysis catalyzed by a metalloprotease. FOLR1 binds to folate and reduced folic acid derivatives and mediates delivery of 5-methyltetrahydrofolate and folate analogs into the interior of cells. It has high affinity for folate and folic acid analogs at neutral pH. Exposure to slightly acidic pH after receptor endocytosis triggers a conformation change that strongly reduces its affinity for folates and mediates their release. It is required for normal embryonic development and normal cell proliferation.
Endotoxin	Less than 0.1 ng/μg (1 EU/μg)
Storage Buffer	Lyophilized from a 0.2

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µm filtered solution of PBS, pH7.4.

Shipping Ambient

Conjugation Biotin

GENE INFORMATION

Gene Name FOLR1 folate receptor 1 (adult) [Homo sapiens (human)]

Official Symbol FOLR1

Synonyms Folate receptor alpha; FR-alpha; Adult folate-binding protein; FBP; Folate receptor 1; Folate receptor; Ovarian tumor-associated antigen MOv18; FOLR1

Gene ID 2348

mRNA Refseq NM_000802

Protein Refseq NP_000793

MIM 136430

UniProt ID P15328

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