

Recombinant Human FOLR1 Protein, His\Avi-tagged

Cat. No. FOLR1-203H **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	25-234 a.a.
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.
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
AA Sequence	Arg25-Ser234

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Endotoxin	Less than 0.1 ng/ug (1 EU/ug).
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Shipping	Ambient
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GENE INFORMATION

Gene Name	FOLR1 folate receptor alpha [Homo sapiens (human)]
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Official Symbol	FOLR1
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Synonyms	Folate receptor alpha; FR-alpha; Adult folate-binding protein; FBP; Folate receptor 1; Folate receptor; Ovarian tumor-associated antigen MOv18; FOLR; NCFTD; FRalpha
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Gene ID	2348
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mRNA Refseq	NM_000802.3
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Protein Refseq	NP_000793.1
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MIM	136430
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UniProt ID	P15328
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