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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