

Datasheet for ABIN7319830

**FOLR1 Protein (Biotin,His-Avi Tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	FOLR1
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FOLR1 protein is labelled with Biotin,His-Avi Tag.

## Product Details

Purpose:	Recombinant Human Folate Receptor alpha/FOLR1 (C-6His-Avi) Biotinylated
Sequence:	Arg25-Ser234
Characteristics:	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.
Purity:	>95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

## Target Details

Target:	FOLR1
Alternative Name:	FOLR1 ( <a href="#">FOLR1 Products</a> )
Background:	Background: 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

## Target Details

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.

Synonym: Folate receptor alpha, FR-alpha, Adult folate-binding protein, FBP, Folate receptor 1, Folate receptor, Ovarian tumor-associated antigen MOv18, FOLR1

Molecular Weight:	27.5 kDa
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UniProt:	<a href="#">P15328</a>
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Pathways:	<a href="#">Dicarboxylic Acid Transport</a>
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## Application Details

Comment:	35-40 kDa
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Restrictions:	For Research Use only
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## Handling

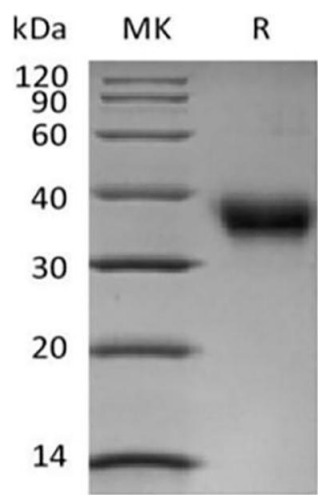
Format:	Lyophilized
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Reconstitution:	Please refer to the printed manual for detailed information.
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Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
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Storage:	4 °C,-20 °C,-80 °C
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Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
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Western Blotting

Image 1.