

Product Name: Recombinant Rhesus Macaque FOLR1 (C-6His)
Catalog #: PHV2429

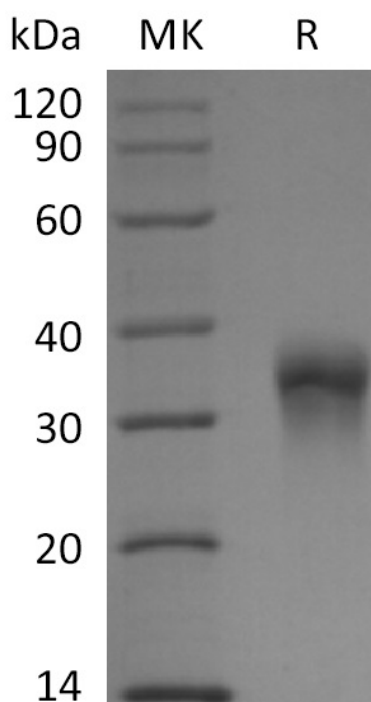


Summary

Name	FOLR1/Folate Receptor alpha
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Rhesus Macaque Folate receptor alpha is produced by our Mammalian expression system and the target gene encoding Arg25-Ser234 is expressed with a 6His tag at the C-terminus.
Accession #	F7BP60
Host	Human Cells
Species	Rhesus Macaque
Predicted Molecular Mass	25.5 kDa
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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Alternative Names

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

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 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.

Note

For Research Use Only , Not for Diagnostic Use.