

Datasheet for ABIN7274663

FOLR2 Protein (AA 9-187) (His tag)**3** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	FOLR2
Protein Characteristics:	AA 9-187
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FOLR2 protein is labelled with His tag.

Product Details

Purpose:	Cynomolgus FOLR2 Protein
Sequence:	Gln9-His187
Characteristics:	Recombinant Cynomolgus FOLR2 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Gln9-His187.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Cynomolgus FOLR2, His Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Anti-FOLR2 Antibody, hFc Tag with the EC50 of 9.7ng/ml determined by ELISA. See testing image for detail.

Target Details

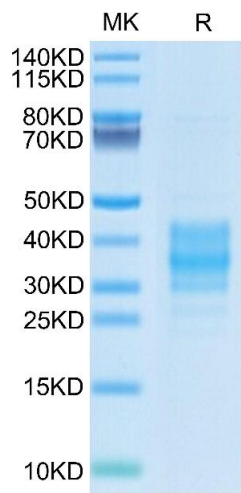
Target:	FOLR2
Alternative Name:	FOLR2 (FOLR2 Products)
Background:	FOLR1 and FOLR2 are equipped with cellular glycosylphosphatidylinositol (GPI) anchors. FOLR1 is secreted from epithelia with or without a micelle-encapsulated GPI-anchor into milk and other body fluids/secretions, e.g. semen where its interaction with spermatozoa indicates a role in male fertility. FOLR1 and FOLR2 serve as serum biomarkers of various diseases. FOLR3 possesses no GPI-anchor and originates from secretory granules of neutrophil granulocytes, its concentration in serum correlates to the FOLR3 content in leukocytes and rises with increased leukocyte counts (infection, malignancy and pregnancy).
Molecular Weight:	25.5 kDa. Due to glycosylation, the protein migrates to 30-45 kDa based on Tris-Bis PAGE result.
Pathways:	Dicarboxylic Acid Transport

Application Details

Restrictions:	For Research Use only
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Handling

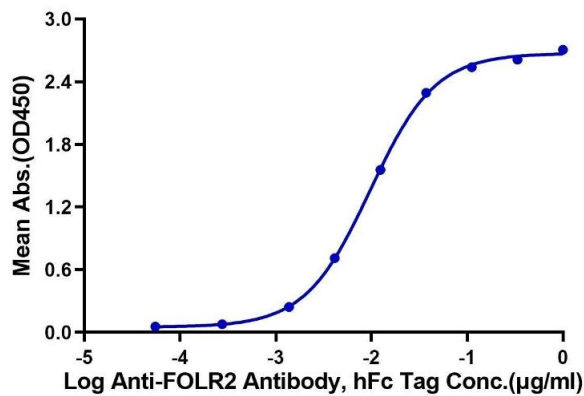
Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in 50 mM Tris,100 mM Glycine (pH 7.5). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



SDS-PAGE

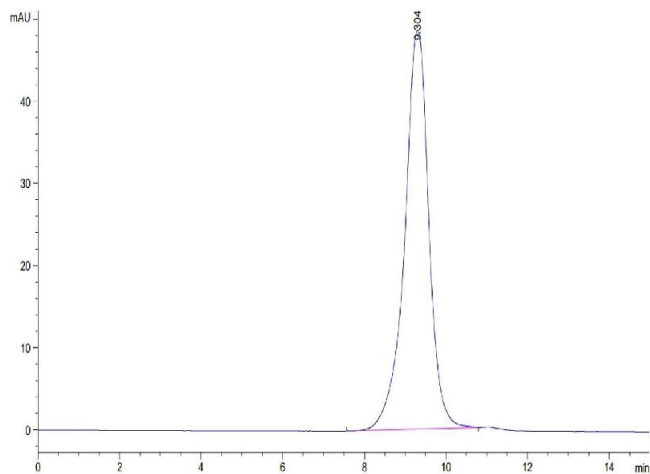
Image 1. Cynomolgus FOLR2 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

Cynomolgus FOLR2, His Tag ELISA
0.05µg Cynomolgus FOLR2, His Tag Per Well



ELISA

Image 2. Immobilized Cynomolgus FOLR2, His Tag at 0.5 µg/mL (100 µL/well) on the plate. Dose response curve for Anti-FOLR2 Antibody, hFc Tag with the EC50 of 9.7 ng/mL determined by ELISA.



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 3. The purity of Cynomolgus FOLR2 is greater than 95 % as determined by SEC-HPLC.