

Recombinant Human FR-beta/FOLR2 Protein

Catalog No.: RP02673 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	2350	P14207

Tags

C-His

Synonyms

FBP□FOLR2□OLR2□BETA-HFR□FR-BETA□FR-P3

Product Information

Source	Purification
HEK293 cells	> 95% as determined by Tris-Bis PAGE□> 95% as determined by HPLC

Calculated MW **Observed MW**

Endotoxin

Less than 1EU per µg by the LAL method.

Formulation

Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

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).

Basic Information

Description

Recombinant Human FR-beta/FOLR2 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Thr17-Met228) of Human FR-beta/FOLR2 (Accession #) fused with His tag at the C-terminal.

Bio-Activity

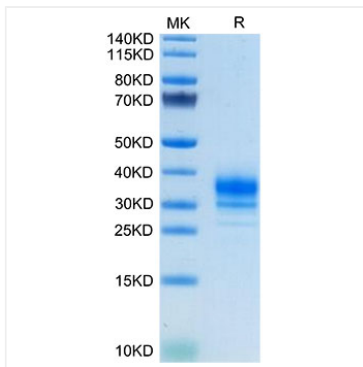
Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

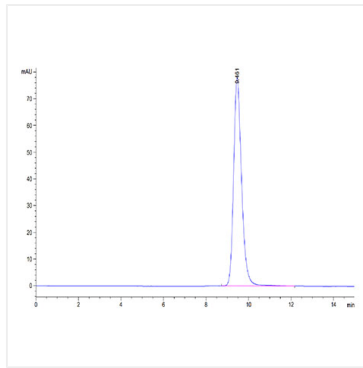
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

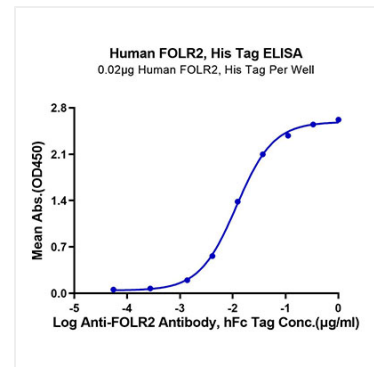
Validation Data



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



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



Immobilized Human FOLR2, His Tag at 0.2µg/ml (100µl/well) on the plate. Dose response curve for Anti-FOLR2 Antibody, hFc Tag with the EC₅₀ of 11.7ng/ml determined by ELISA.