

Recombinant Human FR-beta/FOLR2 Protein

Catalog No.: RP02673

Sequence Information

Species **Gene ID**
Human 2350

Swiss Prot **Tags**
P14207 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**
25.5 kDa 30-38 kDa

Endotoxin

< 1 EU/μg of the protein by 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.

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.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

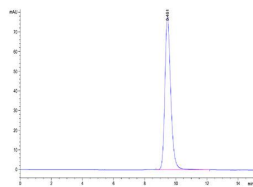
Contact

☎ | 400-999-6126

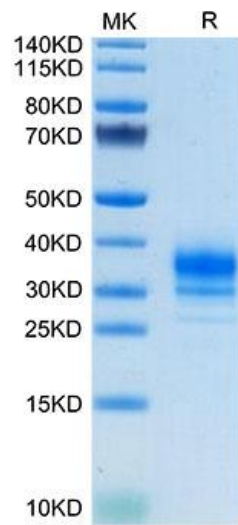
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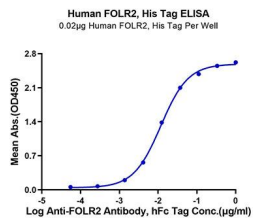
Validation Data



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



Recombinant Human FR-beta/FOLR2 Protein was determined by Tris-Bis PAGE under reducing conditions.



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.