

Active Recombinant Human FOLR2 protein, His-tagged

Cat. No. FOLR2-031H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human FOLR2 (Thr17-His228) protein was fused to His-tag at C-terminus and expressed in human 293 cells (HEK293).
Species	Human
Source	HEK293
ProteinLength	Thr 17 - His 228
Form	Lyophilized from 0.22 µm filtered solution in Tris and Glycine, pH7.5. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Folic acid-BSA conjugate at 5 µg/mL (100 µL/well) can bind Human FOLR2, His Tag with a linear range of 2-20 ng/mL.
Molecular Mass	The protein has a calculated MW of 26.5 kDa. The protein migrates as 30-35 kDa under reducing (R) condition (SDS-PAGE) due to N-linked glycosylation which has been verified by PNGase F digestion.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower.

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Please avoid repeated freeze-thaw cycles.
 This product is stable after storage at:
 -20 centigrade to -70 centigrade for 12 months in lyophilized state;
 -70 centigrade for 3 months under sterile conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name FOLR2 folate receptor 2 (fetal) [Homo sapiens]

Official Symbol FOLR2

Synonyms FOLR2; folate receptor 2 (fetal); folate receptor beta; FBP; folate receptor, beta; folate receptor, fetal/placental; placental folate-binding protein; folate-binding protein, fetal/placental; FR-P3; FR-BETA; BETA-HFR; FBP/PL-1;

Gene ID 2350

mRNA Refseq NM_000803

Protein Refseq NP_000794

MIM 136425

UniProt ID P14207

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