

Biotinylated Human FOLR1 Protein; His-Avi Tag

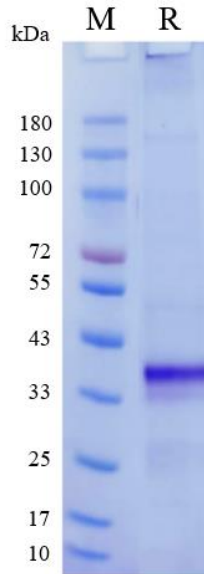
Product Information

Product Name	Biotinylated Human FOLR1 Protein; His-Avi Tag
Storage temp.	Store at $\leq -70^{\circ}\text{C}$, stable for 6 months after receipt. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Catalog# / Size	GM-86652RP-25 / 25 μg GM-86652RP-200 / 200 μg

Protein Information

Alternative Names	FOLR-1,FBP,FOLR,FR α
Source	Biotinylated Human FOLR1 Protein; His-Avi Tag (GM-86652RP) is expressed from human 293 cells (HEK-293). It contains AA Arg25-Met233 (Accession # P15328-1). This protein carries a His-Avi tag at the C-terminus.
Purity	> 90% as determined by SDS-PAGE
Endotoxin	< 1 EU/ μg , determined by LAL gel clotting assay
Predicted Mol Mass	24.3 KDa
Formulation	Supplied as a 0.2 μm filtered solution of PBS, pH7.4.
Description	FOLR1 protein is the encoded protein of folate receptor alpha, which is expressed on the surface of human cells. This protein plays a crucial role in the uptake of folate and other B vitamins within the cell. FOLR1 protein regulates the entry of these vitamins into the cell by binding to folate and other similar substances. It plays an important role in cell proliferation, metabolism, and DNA synthesis, which is essential for maintaining cell function and growth. FOLR1 protein plays a significant role in many physiological processes, making research on its function and regulatory mechanisms of great importance.

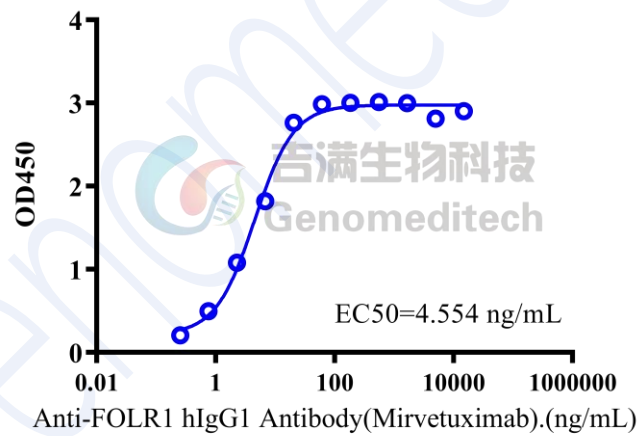
SDS-PAGE



On SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90%.

Bioactivity-ELISA

Biotinylated Human FOLR1 Protein; His-Avi Tag, ELISA 0.1 μg Biotinylated Human FOLR1 Protein; His-Avi Tag of per well



Biotinylated Human FOLR1 Protein; His-Avi Tag (Catalog # GM-86652RP) was immobilized at 1 $\mu\text{g}/\text{ml}$ (100 $\mu\text{L}/\text{well}$) on streptavidin precoated. Increasing concentrations of Anti-FOLR1 hIgG1 Antibody (Mirvetuximab) (Catalog # GM-27354AB) were added.