

Biotinylated Cynomolgus B7H4 Protein; His-Avi Tag

Product Information

Product Name Biotinylated Cynomolgus B7H4 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-86612RP-25 / 25 μg**
GM-86612RP-200 / 200 μg

Protein Information

Alternative Names B7-H4,VTCN1,B7S1,B7h.5

Source Biotinylated Cynomolgus B7H4 Protein; His-Avi Tag (GM-86612RP) is expressed from human 293 cells (HEK-293). It contains AA Phe29-Ala258 (Accession # F7B770-1).

This protein carries a His-Avi tag at the C-terminus.

Purity > 95% as determined by SDS-PAGE

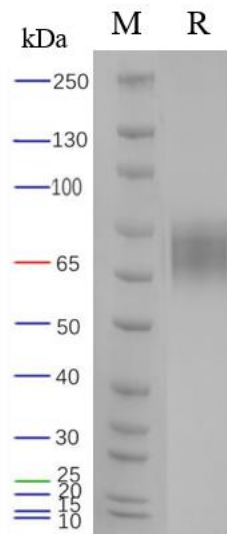
Endotoxin < 1 EU/ μg , determined by LAL gel clotting assay

Predicted Mol Mass 29.7 KDa

Formulation Supplied as a 0.2 μm filtered solution of PBS, pH7.4.

Description B7H4 protein is a cell surface protein belonging to the B7/CD28 immune regulatory family. This protein plays a crucial role in regulating immune responses and tumor immune evasion. Overexpression of B7H4 is associated with the development and progression of various tumors, making it a potential target for cancer therapy. Additionally, B7H4 may also promote tumor immune evasion by influencing the function of other immune cells in the tumor microenvironment, such as inhibiting natural killer cells (NK cells) and regulatory T cells (Treg cells). The B7H4 protein is of great interest in the fields of immunotherapy and tumor immunotherapy.

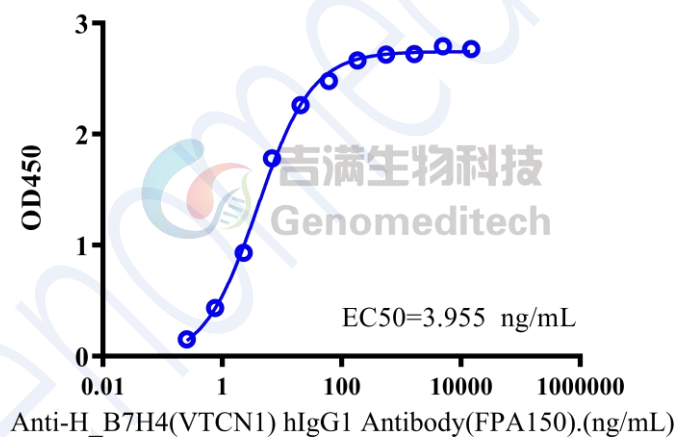
SDS-PAGE



On SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.

Bioactivity-ELISA

Biotinylated Cynomolgus B7H4 Protein; His-Avi Tag, ELISA
0.2 µg Biotinylated Cynomolgus B7H4 Protein; His-Avi Tag of per well



Biotinylated Cynomolgus B7H4 Protein; His-Avi Tag (Catalog # GM-86612RP) was immobilized at 2 µg/ml (100 µL/well) on streptavidin precoated. Increasing concentrations of Anti-H_B7H4(VTCN1) hIgG1 Antibody (FPA150) (Catalog # GM-24028AB) were added.