

Human B7H4 Protein; hFc Tag

Product Information

Product Name Human B7H4 Protein; hFc 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-87262RP-100 / 100 μg
GM-87262RP-1000 / 1 mg

Protein Information

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

Source Human B7H4 Protein; hFc Tag (GM-87262RP) is expressed from human 293 cells (HEK-293). It contains AA Phe 29 - Ala 258 (Accession # Q7Z7D3-1).
This protein carries a hFc tag at the C-terminus.

Purity > 95% as determined by SDS-PAGE

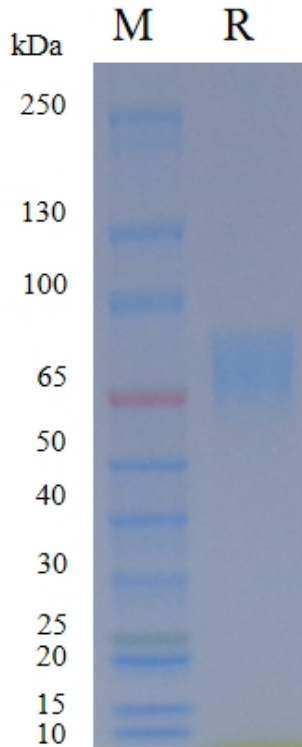
Endotoxin < 1 EU/ μg , determined by LAL gel clotting assay

Predicted Mol Mass 51.3 KDa

Formulation Supplied as a 0.2 μm filtered solution of PBS, pH7.2-7.4.

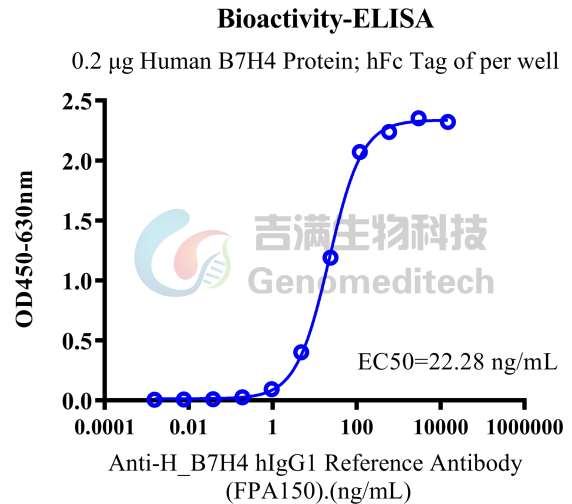
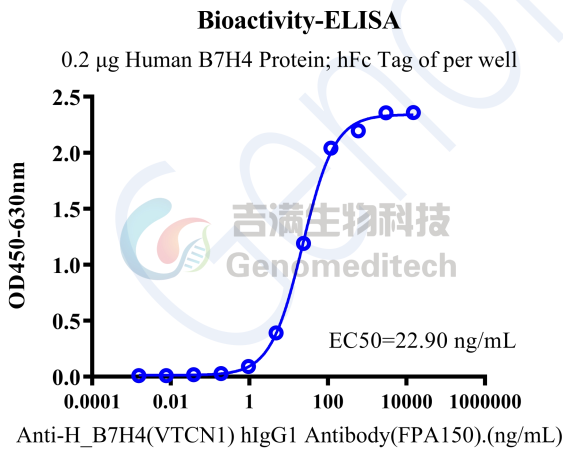
Description B7H4 protein is a cell surface protein belonging to the B7/CD28 immune regulatory family. This protein plays a crucial role in regulating immune responses and tumor immune evasion. Overexpression of B7H4 is associated with the development and progression of various tumors, making it a potential 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%.

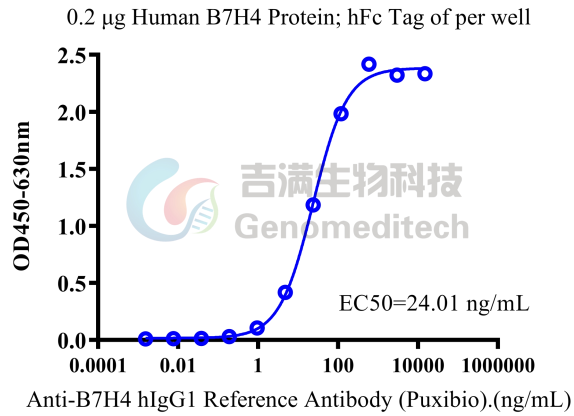
Bioactivity-ELISA



Human B7H4 Protein; hFc Tag (Catalog # GM-87262RP) was immobilized at 2 µg/ml (100 µL/well). Increasing concentrations of Anti-H_B7H4(VTCN1) hIgG1 Antibody(FPA150)(Catalog # GM-24028AB) were added.

Human B7H4 Protein; hFc Tag (Catalog # GM-87262RP) was immobilized at 2 µg/ml (100 µL/well). Increasing concentrations of Anti-H_B7H4 hIgG1 Reference Antibody (FPA150)(Catalog # GM-86662MAB) were added.

Bioactivity-ELISA



Human B7H4 Protein; hFc Tag (Catalog # GM-87262RP) was immobilized at 2 μ g/ml (100 μ L/well). Increasing concentrations of Anti-B7H4 hIgG1 Reference Antibody (Puxibio)(Catalog # GM-87706MAB) were added.