

Biotinylated Cynomolgus Nectin-4 Protein; His-Avi Tag

Product Information

Product Name Biotinylated Cynomolgus Nectin-4 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-87589RP-25 / 25 μg
GM-87589RP-200 / 200 μg

Protein Information

Alternative Names NECTIN4, LNIR, PRR4, PVRL4

Source Biotinylated Cynomolgus Nectin-4 Protein; His-Avi Tag (GM-87589RP) is expressed from human 293 cells (HEK-293). It contains AA Gly 32 - Ser 349 (Accession # A0A2K6DZ83).

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

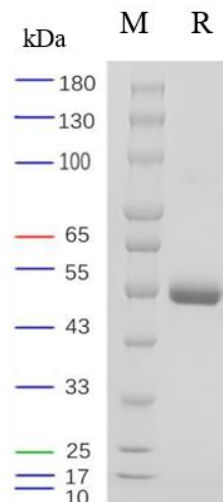
Predicted Mol Mass 37.5 KDa

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

Description Nectin-4 is a cell adhesion protein, also known as PVRL4 (Poliovirus Receptor-Like 4). Nectin-4 is widely expressed in the human body, particularly in epithelial tissues and neural tissues. Under normal physiological conditions, Nectin-4 plays a crucial role in cell-cell adhesion and intercellular signal transduction. Additionally, research indicates that Nectin-4 also plays a key role in embryonic development and neural system development.

In cancer research, Nectin-4 has been found to be associated with the development and metastasis of various cancers. High levels of Nectin-4 expression are linked to the malignancy and prognosis of certain cancers, making it a potential tumor marker. Furthermore, due to its overexpression in cancer cells, Nectin-4 is considered a potential therapeutic target, with treatment strategies targeting Nectin-4 currently under investigation.

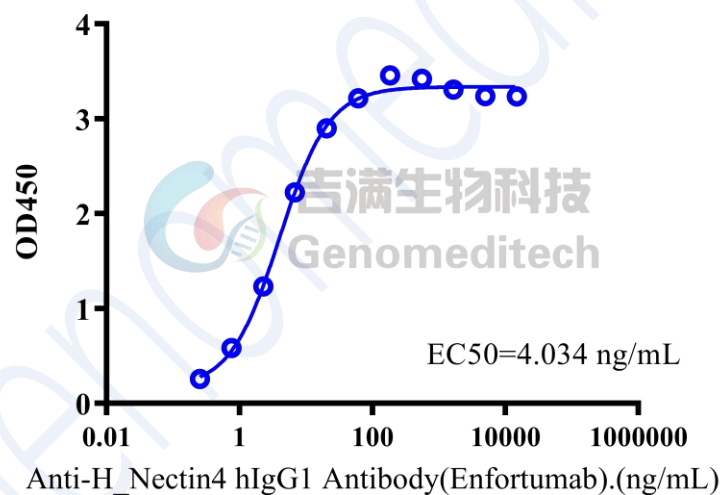
SDS-PAGE



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 Nectin-4 Protein; His-Avi Tag, ELISA
0.1 μ g Biotinylated Cynomolgus Nectin-4 Protein; His-Avi Tag of per well



Biotinylated Cynomolgus Nectin-4 Protein; His-Avi Tag (Catalog # GM-87589RP) was immobilized at 1 μ g/ml (100 μ L/well) on streptavidin precoated. Increasing concentrations of Anti-H_Nectin4 hIgG1 Antibody (Enfortumab) (Catalog # GM-23369AB) were added.