

# 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  $\mu\text{g}$**   
**GM-87589RP-200 / 200  $\mu\text{g}$**

## 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 # XP\_005541277.1).

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

**Purity**  $> 95\%$  as determined by SDS-PAGE

**Endotoxin**  $< 1 \text{ EU}/\mu\text{g}$ , determined by LAL gel clotting assay

**Predicted Mol Mass** 37.5 KDa

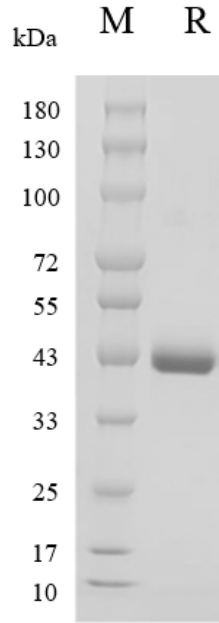
**Formulation** Supplied as a  $0.2 \mu\text{m}$  filtered solution of PBS, pH7.4.

**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.

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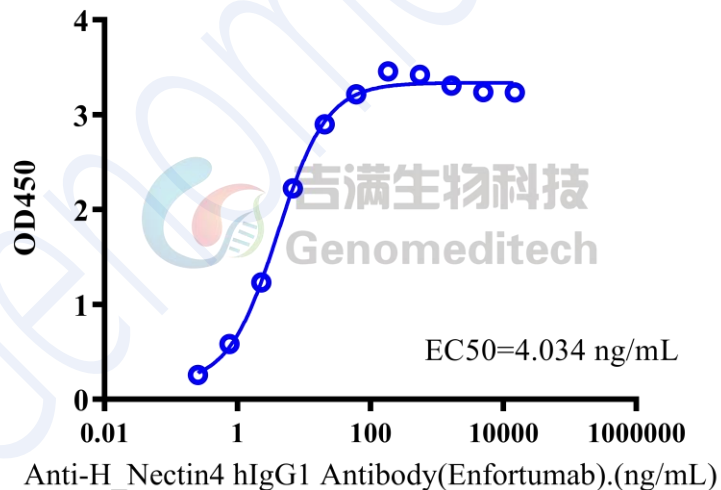
## SDS-PAGE



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 $\mu$ 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  $\mu$ g/ml (100  $\mu$ L/well) on streptavidin precoated. Increasing concentrations of Anti-H\_Nectin4 hIgG1 Antibody (Enfortumab) (Catalog # GM-23369AB) were added.