

# Biotinylated Mouse Nectin-4 Protein; His-Avi Tag

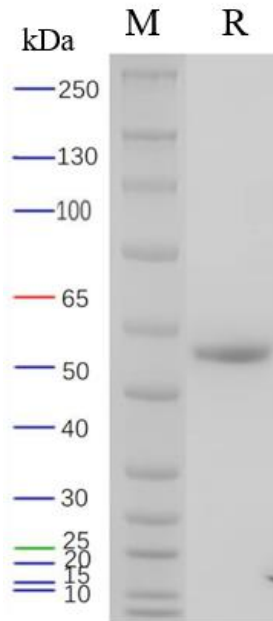
## Product Information

Product Name	Biotinylated Mouse 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-87591RP-25 / 25 $\mu\text{g}$ GM-87591RP-200 / 200 $\mu\text{g}$

## Protein Information

Alternative Names	NECTIN4, LNIR, PRR4, PVRL4
Source	Biotinylated Mouse Nectin-4 Protein; His-Avi Tag (GM-87591RP) is expressed from human 293 cells (HEK-293). It contains AA Gly 31 - Ser 347 (Accession # Q8R007-1).  This protein carries a His-Avi tag at the C-terminus.
Purity	> 95% as determined by SDS-PAGE
Endotoxin	< 1 EU/ $\mu\text{g}$ , determined by LAL gel clotting assay
Predicted Mol Mass	37.4 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.

## SDS-PAGE

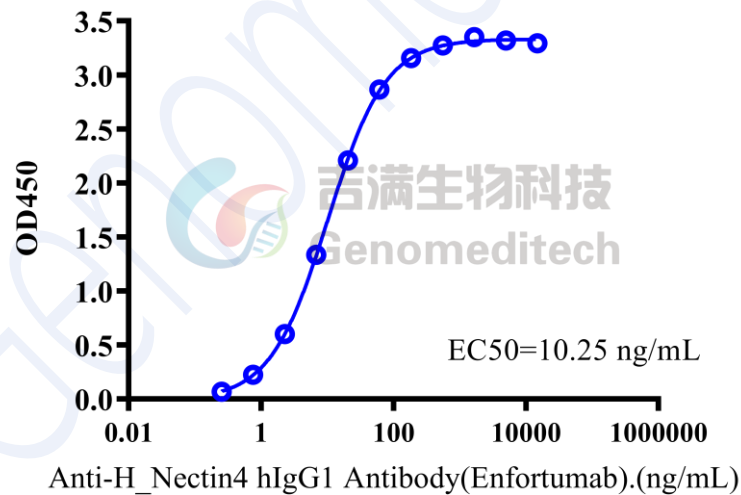


On SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.

## Bioactivity-ELISA

### Bioactivity-ELISA

0.1  $\mu$ g Biotinylated Mouse Nectin-4 Protein; His-Avi Tag of per well



Biotinylated Mouse Nectin-4 Protein; His-Avi Tag (Catalog # GM-87591RP) 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.