

Human Nectin-4 Protein; hFc Tag

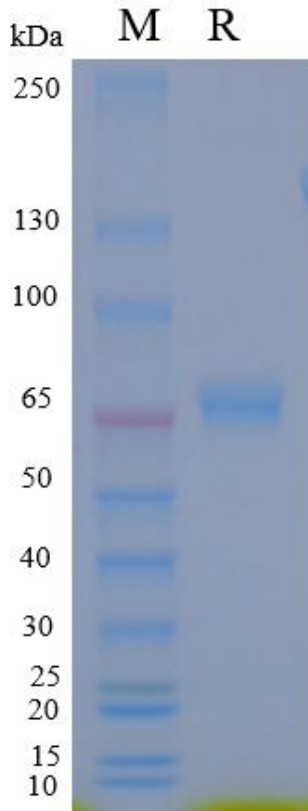
Product Information

Product Name	Human Nectin-4 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-88678RP-100 / 100 μg GM-88678RP-1000 / 1 mg

Protein Information

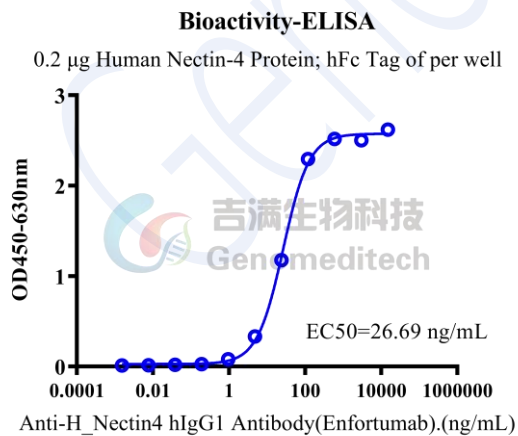
Alternative Names	NECTIN4, LNIR, PRR4, PVRL4
Source	Human Nectin-4 Protein; hFc Tag (GM-88678RP) is expressed from human 293 cells (HEK-293). It contains AA Gly 32 - Ser 349 (Accession # Q96NY8-1). This protein carries a hFc tag at the C-terminus.
Purity	> 95% as determined by SDS-PAGE
Endotoxin	< 1 EU/ μg , determined by LAL gel clotting assay
Predicted Mol Mass	60.1 kDa
Formulation	Supplied as a 0.2 μm filtered solution of PBS, pH7.2-7.4.
Description	Nectin-4 protein, full name Nectin Cell Adhesion Molecule 4, also known as Poliovirus Receptor-Related Protein 4 (PVRL4), is an important cell adhesion molecule and a member of the nectin family of immunoglobulin-like adhesion proteins. Abnormal expression of Nectin-4 protein is closely associated with the occurrence, progression, and metastasis of various malignant tumors, including breast cancer, lung cancer, ovarian cancer, pancreatic cancer, and urothelial carcinoma. Currently, Nectin-4-targeted therapeutic strategies have shown significant clinical promise, with the antibody-drug conjugate (ADC) Enfortumab Vedotin being approved for the treatment of locally advanced or metastatic urothelial carcinoma. In summary, Nectin-4 protein plays a pivotal role in tumorigenesis and cancer progression, and holds great significance for understanding tumor biology, identifying novel therapeutic targets, developing targeted ADCs and immunotherapies, and evaluating patient prognosis.

SDS-PAGE

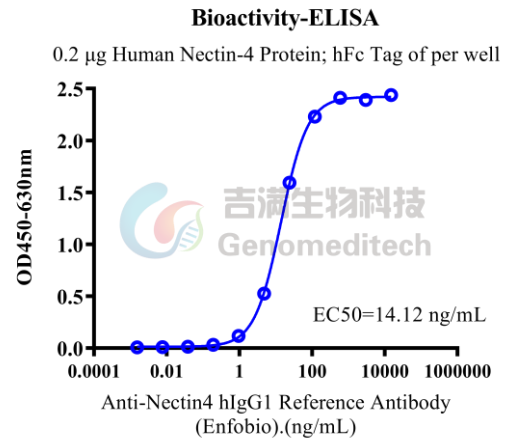


On SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.

Bioactivity-ELISA



Human Nectin-4 Protein; hFc Tag (Catalog # GM-88678RP) was immobilized at 2 µg/ml (100 µL/well). Increasing concentrations of Anti-H_Nectin4 hIgG1 Antibody (Enfortumab) (Catalog # GM-23369AB) were added.



Human Nectin-4 Protein; hFc Tag (Catalog # GM-88678RP) was immobilized at 2 µg/ml (100 µL/well). Increasing concentrations of Anti-Nectin4 hIgG1 Reference Antibody (Enfobio) (Catalog # GM-87807MAB) were added.