

## Biotinylated Human Nectin-4 Protein, His-Avi Tag

### 产品信息

产品名称	产品编号	规格
Biotinylated Human Nectin-4 Protein, His-Avi Tag	93139ES60	100 µg
	93139ES76	500 µg
	93139ES80	1 mg

### 产品描述

Nectin-4 (poliovirus receptor-like 4) is a 66 kDa type I transmembrane glycoprotein belonging to the Nectin family of Ig superfamily proteins. Human Nectin-4 mRNA is normally expressed in the placenta, especially in endothelial cells, while in the mouse it is found in the embryo, lung, testis and brain. In many human ductal breast or non-small cell lung carcinomas, Nectin-4 is upregulated and a soluble 43 kDa form is found in the plasma. The extracellular domain of human Nectin-4 shares 91%, 92%, 93%, 91% and 90% amino acid sequence homology with the corresponding regions of mouse, rat, canine, porcine and bovine Nectin-4, respectively. In forming adherens junctions, trans interactions of Nectin-4 initiate cell-cell interactions and recruit intracellular cadherins through afadin and other junctional proteins.

### 产品性质

<b>Synonyms</b>	EDSS1; LNIR; Nectin4; PRR4; NECTIN4; PVRL4
<b>Uniprot No.</b>	Q96NY8
<b>Source</b>	Recombinant Biotinylated Human Nectin-4 Protein is expressed from HEK293 Cells with His tag and Avi tag at the C-terminal. It contains Gly32-Val351.
<b>Molecular Weight</b>	The protein has a predicted MW of 37.2 kDa. Due to glycosylation, the protein migrates to 46-48 kDa based on Tris-Bis PAGE result.
<b>Physical Appearance</b>	Sterile Filtered White lyophilized (freeze-dried) powder.
<b>Purity</b>	> 95% as determined by SDS-PAGE and HPLC
<b>Endotoxin</b>	< 1.0 EU per 1µg of the protein by the LAL method.
<b>Formulation</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
<b>Reconstitution</b>	Centrifuge tubes before opening. Reconstituting to a concentration more than 100µg/mL is recommended. Dissolve the lyophilized protein in distilled water.

### 运输与保存方法

The products are shipped with ice pack and can be stored at -20°C for 1 year.

2-7 days, 2 to 8 °C under sterile conditions after reconstitution.

3 -6 months, -20 to -80°C under sterile conditions after reconstitution.

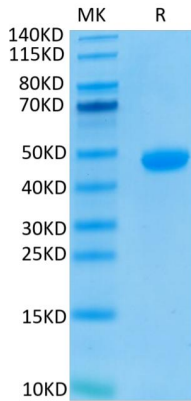
Recommend to aliquot the protein into smaller quantities for optimal storage. Please avoid freeze-thaw cycles.

### 注意事项

1. For your safety and health, please wear lab coats and disposable gloves for operation.
2. For research use only!

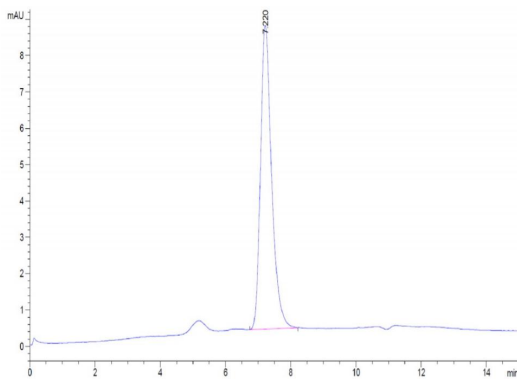
## 产品数据

### Tris-Bis PAGE



Biotinylated Human Nectin-4 on Tris-Bis PAGE under reduced conditions. The purity is greater than 95%.

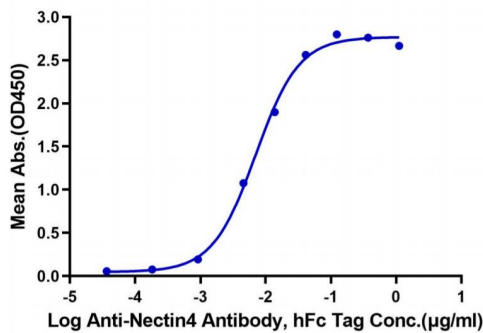
### SEC-HPLC



The purity of Bioyintlated Human Nectin-4 is greater than 95% as determined by SEC-HPLC.

### ELISA Data

**Biotinylated Human Nectin-4, His Tag ELISA**  
0.05 $\mu$ g Biotinylated Human Nectin-4, His Tag Per Well



Immobilized Biotinylated Human Nectin-4, His Tag at 0.5 $\mu$ g/mL (100 $\mu$ l/well) on the plate. Dose response curve for Anti-Nectin4 Antibody, hFc Tag with the EC<sub>50</sub> of 7.1ng/mL determined by ELISA.