

Rev02  
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**DATASHEET**

# Nectin-4, His & Avi, Human

Cat. No.: Z03823

## Product Introduction

<b>Species</b>	Human
<b>Protein Construction</b>	
<b>Purity</b>	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
<b>Endotoxin Level</b>	Less than 1EU per µg by the LAL method.
<b>Biological Activity</b>	Immobilized Nectin-4, His & Avi, Human (Cat.No.: Z03823) at 0.5 µg/ml (100µl/Well) can bind Anti-Nectin-4 Antibody.
<b>Expression System</b>	HEK293
<b>Theoretical Molecular Weight</b>	37.2 kDa
<b>Apparent Molecular Weight</b>	Due to glycosylation, the protein migrates to 46-48 kDa based on Bis-Tris PAGE result.
<b>Formulation</b>	Lyophilized from a 0.22 µm filtered solution in PBS, pH 7.4.
<b>Reconstitution</b>	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
<b>Storage &amp; Stability</b>	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

## Background

**Target Background :** Nectin-4 is a tumor-associated antigen. It is probably involved in cell adhesion through trans-homophilic and -heterophilic interactions. Nectin-4 is overexpressed in urothelial carcinoma and several other malignancies. It is a promising target for antibody-drug conjugates (ADCs).

**Synonyms :** EDSS1; LNIR; Nectin4; PRR4; NECTIN4; PVRL4

**For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.**

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