

Rev02
 Update: Jan,06,2025

DATASHEET

Nectin-4, His & Avi, Human

Cat. No.: Z03823

Product Introduction

Species	Human
Protein Construction	<div> <div>Nectin-4 (Gly32-Val351) Accession # Q96NY8</div> <div>His</div> <div>Avi</div> </div> <div> <div>N-term</div> <div>C-term</div> </div>
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Endotoxin Level	Less than 1EU per µg by the LAL method.
Biological Activity	Immobilized Nectin-4, His & Avi, Human (Cat.No.: Z03823) at 0.5 µg/ml (100µl/Well) can bind Anti-Nectin-4 Antibody.
Expression System	HEK293
Theoretical Molecular Weight	37.2 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 46-48 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from a 0.22 µm filtered solution in PBS, pH 7.4.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage & Stability	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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