

## Nectin-4 Protein IgV domain, Human (Biotinylated, HEK293, His-Avi)

Cat. No.:	HY-P78181
Synonyms:	EDSS1; LNIR; Nectin4; PRR4; NECTIN4; PVRL4
Species:	Human
Source:	HEK293
Accession:	Q96NY8 (G32-L146)
Gene ID:	81607
Molecular Weight:	16-20 kDa

### PROPERTIES

Appearance	Solution.
Formulation	Supplied as a 0.22 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

### DESCRIPTION

Background	The Nectin-4 Protein IgV domain plays a crucial role in cell adhesion, engaging in both trans-homophilic and -heterophilic interactions. Specifically, it forms interactions with NECTIN1, contributing to cellular adhesion processes. However, it does not function as a receptor for alpha-herpesvirus entry into cells. In the context of microbial infection, the Nectin-4 IgV domain acts as a receptor for measles virus, facilitating the entry of the virus into host cells. This highlights the dual role of Nectin-4 in cell adhesion and its significance as a specific receptor for measles virus infection.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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