

## Nectin-4 Protein, Human (HEK293, Fc)

Cat. No.:	HY-P78373
Synonyms:	EDSS1; LNIR; Nectin4; PRR4; NECTIN4; PVRL4
Species:	Human
Source:	HEK293
Accession:	Q96NY8 (G32-S349)
Gene ID:	81607
Molecular Weight:	72-74 kDa

### PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 $\mu$ m filtered solution of PBS, pH 7.4. Normally 5% trehalose is added as protectant before lyophilization.
Endotoxin Level	<1 EU/ $\mu$ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 $\mu$ g/mL in ddH <sub>2</sub> O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

### 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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