

## Nectin-1 Protein, Human (HEK293, His-Avi)

Cat. No.:	HY-P78494
Synonyms:	CD111; ED4; HIgRPVRR; HVEC; MGC142031; Nectin1; PRR; PRR1; PRR1MGC16207; PVRL1; PVRR1; SK-12; PVRL1; CLPED1; HIgR; OFC7; PVRR
Species:	Human
Source:	HEK293
Accession:	Q15223 (Q31-T334)
Gene ID:	5818
Molecular Weight:	52-70 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-1 Protein facilitates cell-cell contacts through the formation of homophilic or heterophilic trans-dimers. It is known to engage in heterophilic interactions with Nectin-3 and Nectin-4. Additionally, this protein exhibits neurite outgrowth-promoting activity. In the context of microbial infection, Nectin-1 acts as a receptor for herpes simplex virus 1 (HHV-1), herpes simplex virus 2 (HHV-2), and pseudorabies virus (PRV).
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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