

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

<b>Cat. No.:</b>	HY-P70494
<b>Synonyms:</b>	Poliovirus Receptor-Related Protein 1; Herpes Virus Entry Mediator C; Herpesvirus Entry Mediator C; HveC; Herpesvirus Ig-Like Receptor; HIgR; Nectin-1; CD111; PVRL1; HVEC; PRR1
<b>Species:</b>	Human
<b>Source:</b>	HEK293
<b>Accession:</b>	Q15223 (Q31-T334)
<b>Gene ID:</b>	5818
<b>Molecular Weight:</b>	40-60 kDa

### PROPERTIES

<b>AA Sequence</b>	<p>           Q V V Q V N D S M Y    G F I G T D V V L H    C S F A N P L P S V    K I T Q V T W Q K S            T N G S K Q N V A I    Y N P S M G V S V L    A P Y R E R V E F L    R P S F T D G T I R            L S R L E L E D E G    V Y I C E F A T F P    T G N R E S Q L N L    T V M A K P T N W I            E G T Q A V L R A K    K G Q D D K V L V A    T C T S A N G K P P    S V V S W E T R L K            G E A E Y Q E I R N    P N G T V T V I S R    Y R L V P S R E A H    Q Q S L A C I V N Y            H M D R F K E S L T    L N V Q Y E P E V T    I E G F D G N W Y L    Q R M D V K L T C K            A D A N P P A T E Y    H W T T L N G S L P    K G V E A Q N R T L    F F K G P I N Y S L            A G T Y I C E A T N    P I G T R S G Q V E    V N I T         </p>
<b>Appearance</b>	Lyophilized powder.
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.
<b>Endotoxin Level</b>	<1 EU/µg, determined by LAL method.
<b>Reconstitution</b>	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
<b>Storage &amp; Stability</b>	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.
<b>Shipping</b>	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

<b>Background</b>	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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