

## Nectin-2/CD112 Protein, Human (329a.a, HEK293, Fc)

Cat. No.:	HY-P78372
Synonyms:	CD112; MPH; Nectin2; PRR2; PVRL2; HVEB; PVRR2
Species:	Human
Source:	HEK293
Accession:	Q92692-2 /NP_002847.1(Q32-L360)
Gene ID:	5819
Molecular Weight:	70-80 kDa

### PROPERTIES

<b>AA Sequence</b>	<p>           Q D V R V Q V L P E    V R G Q L G G T V E    L P C H L L P P V P    G L Y I S L V T W Q            R P D A P A N H Q N    V A A F H P K M G P    S F P S P K P G S E    R L S F V S A K Q S            T G Q D T E A E L Q    D A T L A L H G L T    V E D E G N Y T C E    F A T F P K G S V R            G M T W L R V I A K    P K N Q A E A Q K V    T F S Q D P T T V A    L C I S K E G R P P            A R I S W L S S L D    W E A K E T Q V S G    T L A G T V T V T S    R F T L V P S G R A            D G V T V T C K V E    H E S F E E P A L I    P V T L S V R Y P P    E V S I S G Y D D N            W Y L G R T D A T L    S C D V R S N P E P    T G Y D W S T T S G    T F P T S A V A Q G            S Q L V I H A V D S    L F N T T F V C T V    T N A V G M G R A E    Q V I F V R E T P R            A S P R D V G P L         </p>
<b>Biological Activity</b>	<p>1. Immobilized Human PVRIg, mFc Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Human Nectin-2, hFc Tag with the EC<sub>50</sub> of 16.9ng/ml determined by ELISA.</p> <p>2. Measured by its binding ability in a functional ELISA. Immobilized Human CD112 at 0.5 µg/mL (100 µL/well) can bind Biotinylated Human DNAM-1. The ED<sub>50</sub> for this effect is 0.7498 µg/mL.</p>
<b>Appearance</b>	Lyophilized powder
<b>Formulation</b>	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Normally 5% trehalose is added as protectant before lyophilization.
<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.
<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. 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.

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**Caution: Product has not been fully validated for medical applications. For research use only.**

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