

Nectin-2/CD112 Protein, Human (HEK293)

Cat. No.:	HY-P73307
Synonyms:	Nectin-2; CD112; NECTIN2; PVRL2; HVEB; PRR2
Species:	Human
Source:	HEK293
Accession:	Q92692-2/NP_002847.1 (Q32-L360)
Gene ID:	5819
Molecular Weight:	45-55 kDa

PROPERTIES

AA Sequence	<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</p> <p>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</p> <p>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</p> <p>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</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</p> <p>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</p> <p>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</p> <p>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</p> <p>A S P R D V G P L</p>
Biological Activity	<p>1. 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 ED₅₀ for this effect is 0.6317 µg/mL, corresponding to a specific activity is 1.58×10³ Unit/mg.</p> <p>2. Immobilized Human Nectin-2, No Tag at 1 µg/mL (100 µl/well) on the plate. Dose response curve for Human PVRL2, mFc Tag with the EC₅₀>50 of ≤0.19 µg/mL determined by ELISA.</p>
Appearance	Lyophilized powder
Formulation	Lyophilized from a 0.2 µm filtered solution of 100 mM Glycine, 10 mM NaCl, 50 mM Tris, pH 7.5 or 50 mM Tris, 10 mM NaCl, pH 7.5 or PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
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. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

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

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