## Human CD112/Nectin-2/PVRL2 recombinant protein

Catalog Number: 503124



## **General Information**

## Gene Name Synonym

Herpes virus entry mediator B; Poliovirus receptor-related protein 2

## **Protein Construction**

The mature form of recombinant human CD112 (NP\_002847.1) extracellular domain (Met 1-Leu 360) with quinary-aa peptide (DDDDK) at the Cterminus was expressed and purified.

## **Organism**

Human

## **Expression Host**

**Human Cells** 

## QC Testing

### **Activity**

Measured by its binding ability in a functional ELISA.

Immobilized human CD112 (Cat: 503124) at 10  $\mu$ g/ml (100  $\mu$ l/well) can bind human DNAM1-Fch (Cat: 503963) with a linear range of 1.25-10  $\mu$ g/ml.

### **Purity**

> 95 % as determined by SDS-PAGE and SEC-HPLC Analysis.

## **Endotoxin**

< 1.0 EU per  $\mu g$  of the protein as determined by the LAL method

## **Stability**

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Gln 32

## **Molecular Mass**

The recombinant human CD112 comprises 335 amino acids and has a calculated molecular mass of 36.2 kDa. As a result of glycosylation, the recombinant protein migrates as an approximately 48 kDa protein in SDS-PAGE under reducing conditions.

#### **Formulation**

Lyophilized from sterile 100mM Glycine, 10mM NaCl, 50mM Tris, pH 7.5

- 1. 5 % trehalose and mannitol are added as protectants before lyophilization.
- 2. Please contact us for any concerns or special requirements.

## **Usage Guide**

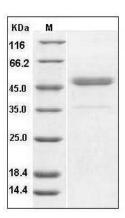
## Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### **SDS-PAGE**



Human CD112 / Nectin-2 / PVRL2 Protein SDS-

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