

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 C-terminus 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 µg/ml (100 µl/well) can bind human DNAM1-Fch (Cat: 503963) with a linear range of 1.25-10 µg/ml.

Purity

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

Endotoxin

< 1.0 EU per µg 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

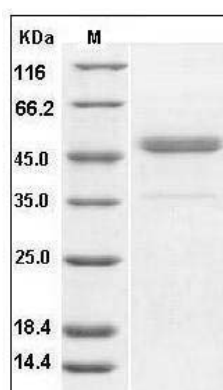
Storage

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



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