Human CD112/Nectin-2/PVRL2 (Fc Tag) recombinant protein

Catalog Number: 501328

General Information

Gene Name Synonym

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

Protein Construction

A DNA sequence encoding the extracellular domain (Met 1-Leu 360) of human CD112 (NP_002847.1) was fused with the Fc region of human IgG1 at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Activity

Measured by its binding ability in a functional ELISA.
Immobilized recombinant human CD112 at 20 μg/ml (100 μl/well) can bind biotinylated DNAM1 with a linear range of 0.078-5 μg/ml.

Purity

> 95 % as determined by SDS-PAGE

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℃

Predicted N terminal

Gln 32

Molecular Mass

The recombinant mature human CD112/Fc chimera is a disulfide-linked homodimeric protein. The reduced monomer consists of 567 amino acids and has a calculated molecular mass of 62.3 kDa. As a result of glycosylation, the rh CD112/Fc monomer migrates as an approximately 70-80 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

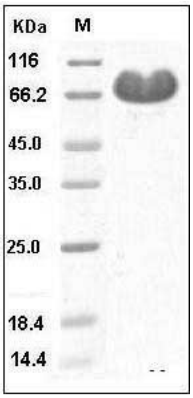
Storage

Store it under sterile conditions at -20℃ to -80℃. 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 (Fc Tag) SDS-PAGE