

Human CD113/Nectin-3 (His Tag) recombinant protein



Catalog Number: 501476

General Information

Gene Name Synonym

CDw113; Poliovirus receptor-related protein 3

Protein Construction

A DNA sequence encoding the extracellular domain of human PVRL3 (NP_056295.1) (Met 1-Asp 400) was expressed, with a polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Activity

Measured by its binding ability in a functional ELISA.

1. Immobilized recombinant human PVRL3 at 1 µg/ml (100 µl/well) can bind biotinylated Nectin-1 with a linear range of 6.4-800 ng/ml.

2. Immobilized recombinant human PVRL3 at 1 µg/ml (100 µl/well) can bind Nectin-1/ Fc chimera with a linear range of 0.156-5 ng/ml.

Purity

> 98 % 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°C

Predicted N terminal

Gly 58

Molecular Mass

The secreted recombinant human PVRL3 comprises 354 amino acids and has a predicted molecular mass of 39.3 kDa. As a result of glycosylation, rhPVRL3 migrates as an approximately 65-75 kDa band in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

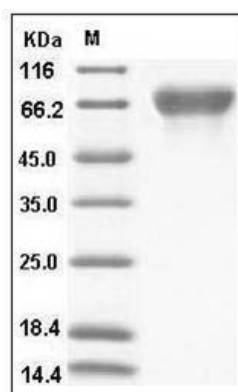
Storage

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 CD113 / Nectin-3 / PVRL3 Protein (His Tag) SDS-PAGE