

Mouse CD112/Nectin-2/PVRL2 (His Tag) recombinant protein



Catalog Number: 501275

General Information

Gene Name Synonym

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

Protein Construction

A DNA sequence encoding the mouse PVRL2 (NP_033016.3) extracellular domain (Met 1-Gly 351) was fused with a polyhistidine tag at the C-terminus.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Activity

Measured by its binding ability in a functional ELISA.

1. Immobilized mouse CD112-His (Cat: 501275) at 10 µg/ml (100 µl/well) can bind biotinylated mouse DNAM1-His (Cat: 502060) with a linear range of 0.156-5.0 µg/ml.

2. Immobilized mouse CD112-His (Cat: 501275) at 10 µg/ml (100 µl/well) can bind mouse DNAM1-Fc (Cat: 503730) with a linear range of 0.03-1.0 µg/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

Gln 32

Molecular Mass

The secreted recombinant mouse PVRL2 comprises 331 amino acids with a predicted molecular mass of 36 kDa. As a result of glycosylation, it migrates as an approximately 40-45 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

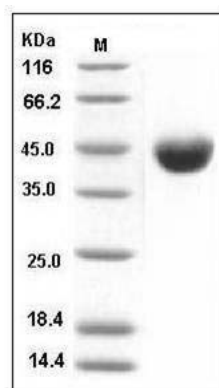
Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE

Mouse CD112/Nectin-2/PVRL2 (His Tag) recombinant protein



Catalog Number: 501275



Mouse CD112 / Nectin-2 / PVRL2 Protein (His Tag) SDS-PAGE