

Human B7-DC/PD-L2/CD273 (His Tag) recombinant protein



Catalog Number: 503800

General Information

Gene Name Synonym

Butyrophilin B7-DC

Protein Construction

A DNA sequence encoding the extracellular domain (Met 1-Pro 219) of human PD-L2 (NP_079515.2) was expressed with a C-terminal polyhistidine tag.

Organism

Human

Expression Host

Human Cells

QC Testing

Activity

Measured by its binding ability in a functional ELISA. Immobilized recombinant human PD-L2 at 1 µg/ml (100 µl/well) can bind recombinant human PD1 with a linear range of 7.8-1000 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

Leu 20

Molecular Mass

The recombinant human PD-L2 consists of 211 amino acids and predicts a molecular mass of 24 kDa. As a result of glycosylation, the apparent molecular mass of rh PD-L2 is approximately 40-45 kDa 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

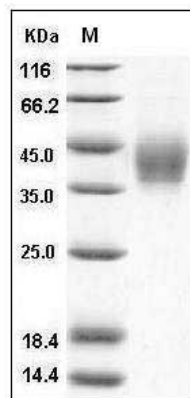
Storage

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



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SDS-PAGE