Rat B7-DC / PD-L2 / CD273 Protein (His Tag)

Catalog Number: 80454-R08H

General Information
Gene Name Synonym:
PDCD1LG2
Protein Construction:
A DNA sequence encoding the rat PDCD1LG2 (NP_001101052.2) (Met1-Arg219) was expressed with a polyhistidine tag at the C-terminus.
Source:
Rat
Expression Host:
HEK293 Cells

QC Testing
Purity: > 95 % as determined by SDS-PAGE

Bio Activity:
Measured by its binding ability in a functional ELISA. Immobilized rat PDCD1LG2-His at 10 μg/ml (100 μl/well) can bind rat PDCD1-Fc (Cat:80448-R02H), The EC50 of rat PDCD1-Fc (Cat:80448-R02H) is 15-35 ng/ml.

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 rat PDCD1LG2 comprises 211 amino acids and predicts a molecular mass of 23.9 kDa. The apparent molecular mass of the recombinant protein is approximately 35.7 kDa in SDS-PAGE under reducing conditions.

Formulation:
Lyophilized from sterile PBS, pH 7.4.

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Usage Guide
Storage:
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:
Detailed reconstitution instructions are sent along with the products.

References

SDS-PAGE:

Manufactured By Sino Biological Inc., FOR RESEARCH USE ONLY. NOT FOR USE IN HUMANS.
For US Customer: Fax: 267-657-0217 ● Tel: 215-583-7898
Global Customer: Fax:+86-10-5862-8288 ● Tel:+86-400-890-9989 ● http://www.sinobiological.com