

Rhesus CD1B & B2M Heterodimer Protein



Sino Biological Inc.
Biological Solution Specialist

Catalog Number: CT056-C08H

General Information

Gene Name Synonym:

CD1B & B2M Heterodimer; CD1B & B2M

Protein Construction:

A DNA sequence encoding the rhesus CD1B(NP_001139290.1) (Met1-Ser303) was expressed with a polyhistidine tag at the C-terminus, constructed the plasmid 1; A DNA sequence encoding the rhesus B2M (NP_001040602.1) (Met1-Met119) constructed the plasmid 2. The two plasmids were co-expressed and the rhesus CD1C/B2M heterodimer was purified.

Source: Rhesus

Expression Host: Human Cells

QC Testing

Purity: > (61.2+37.7) % as determined by SDS-PAGE.

Endotoxin:

< 1.0 EU per µg 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: Glu19 & Ile 21

Molecular Mass:

The recombinant heterodimer of rhesus CD1B&B2M comprises 395 (296+99) amino acids and has a calculated molecular mass of 44.6 (33+11.6) KDa.

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:

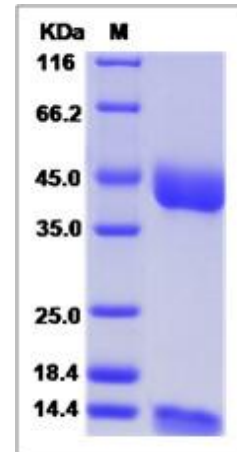
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



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Fax :+86-10-51029969 • Tel:+86-400-890-9989 • <http://www.sinobiological.com>