

Mouse CD79 (CD79A & CD79B Heterodimer) Protein (His Tag)

Catalog Number: CT046-M08H



Sino Biological
Biological Solution Specialist

General Information

Gene Name Synonym:

Ig-alpha; Iga; Igalpha; Ly-54; Ly54; mb-1

Protein Construction:

A DNA sequence encoding the mouse CD79A (NP_031681.2) (Met1-Arg137) was fused with a polyhistidine tag at the C-terminus, constructed the plasmid 1; A DNA sequence encoding mouse CD79B (NP_031681.2) (Met1-Asp158) was fused with a polyhistidine tag at the C-terminus, constructed the plasmid 2. The two plasmids were co-expressed and the mouse CD79A & CD79B heterodimer was purified.

Source: Mouse

Expression Host: HEK293 Cells

QC Testing

Purity: (67.7+17.7+12.1) % 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 29 & Val 26

Molecular Mass:

The recombinant mouse CD79A & mouse CD79B heterodimer comprises 264 (120+144) amino acids and has a calculated molecular mass of 30.3 (13.8+ 16.5) kDa. The apparent molecular mass of the recombinant protein is approximately 34.6, 28.3 and 24.1 kDa respectively 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:

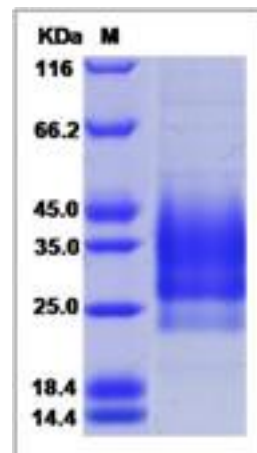
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



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