

Mouse CD200R4 (Fc Tag) recombinant protein



Catalog Number: 503603

General Information

Gene Name Synonym

CD200 cell surface glycoprotein receptor-like 4;
CD200 cell surface glycoprotein receptor-like a;
Cell surface glycoprotein OX2 receptor 4

Protein Construction

A DNA sequence encoding the extracellular domain of mouse CD200R4 (NP_997127.1) (Met 1-Thr 241) was fused with the Fc region of human IgG1 at the C-terminus.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Purity

> 94 % 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

Thr 26

Molecular Mass

The recombinant mouse CD200R4/Fc is a

disulfide-linked homodimer. The reduced monomer comprises 457 amino acids and has a predicted molecular mass of 50.6 kDa. As a result of glycosylation, the apparent molecular mass of rm CD200R4/Fc monomer is approximately 80-90 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

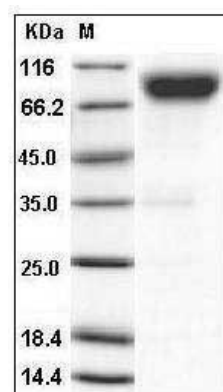
Store it under sterile conditions at -20°C to -80°C .

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



Mouse CD200R4 / CD200 Receptor 4 / CD200RLa Protein (Fc Tag) SDS-PAGE