

# Cynomolgus CD200R1 (His Tag) recombinant protein



Catalog Number: 504558

## General Information

### Protein Construction

A DNA sequence encoding the extracellular domain of Cynomolgus (*Macaca fascicularis*) CD200R (Met 1-Leu 244) precursor was expressed.

### Organism

Cynomolgus

### Expression Host

Human Cells

## QC Testing

### Activity

Measured by its binding ability in a functional ELISA. Immobilized Cynomolgus CD200R at 2 µg/ml (100 µl/well) can bind human CD200 with a linear range of 0.3125-5 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

Ser 24

### Molecular Mass

The recombinant cynomolgus CD200R consists of 232 amino acids and has a calculated molecular mass of 26 kDa. The apparent molecular mass of the recombinant protein is approximately 40-50 kDa in SDS-PAGE under reducing conditions due to glycosylation.

### 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

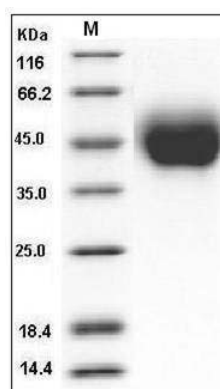
### Storage

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



Cynomolgus CD200R / OX2-R Protein (His Tag)  
SDS-PAGE