# 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  $\mu$ g/ml (100  $\mu$ l/well) can bind human CD200 with a linear ranger of 0.3125-5 ng/ml.

## **Purity**

> 98 % as determined by SDS-PAGE

#### **Endotoxin**

< 1.0 EU per  $\mu g$  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**

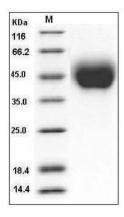
## **Storage**

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