

Datasheet for ABIN7274110

**CD200 Protein (CD200) (AA 31-232) (Fc Tag)****3** Images[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	CD200
Protein Characteristics:	AA 31-232
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD200 protein is labelled with Fc Tag.

## Product Details

Purpose:	Human CD200/OX-2 Protein
Sequence:	Gln31-Gly232
Characteristics:	Recombinant Human CD200/OX-2 Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Gln31-Gly232.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Human CD200 R1, His Tag at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Human CD200, hFc Tag with the EC50 of 23.4ng/ml determined by ELISA. See testing image for detail.

## Target Details

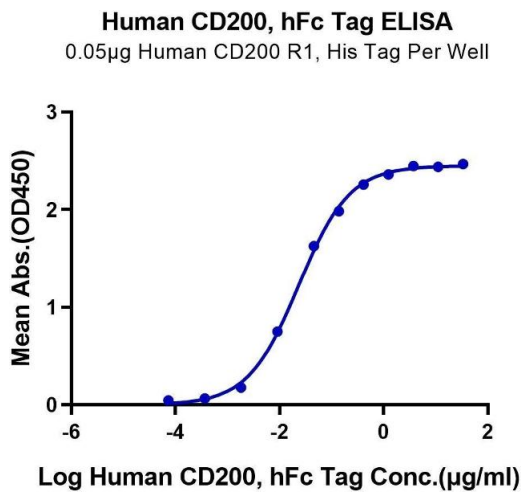
Target:	CD200
Alternative Name:	CD200 ( <a href="#">CD200 Products</a> )
Background:	CD200 and its receptors are highly expressed in the lung, on epithelial cells and leukocytes, and emerging evidence links dysregulation of the CD200 pathway with asthma. Moreover, pharmacological modulation of CD200 receptors was shown to improve clinical and inflammatory outcomes of preclinical asthma models.
Molecular Weight:	49.2 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Tris-Bis PAGE result.

## Application Details

Restrictions:	For Research Use only
---------------	-----------------------

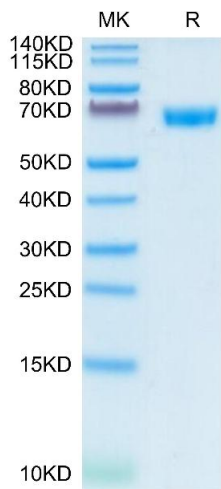
## Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



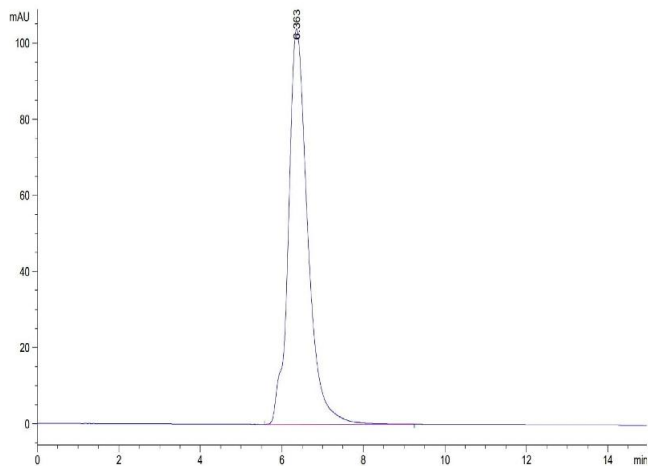
**ELISA**

**Image 1.** Immobilized Human CD200 R1, His Tag at 0.5 µg/mL (100 µL/Well) on the plate. Dose response curve for Human CD200, hFc Tag with the EC50 of 23.4 ng/mL determined by ELISA.



**SDS-PAGE**

**Image 2.** Human CD200 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



**Size-exclusion chromatography-High Pressure Liquid Chromatography**

**Image 3.** The purity of Human CD200 is greater than 95 % as determined by SEC-HPLC.