

Datasheet for ABIN7274106

CD200 Protein (CD200) (His tag)**3** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	CD200
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD200 protein is labelled with His tag.

Product Details

Sequence:	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 at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Human CD200 R1, hFc Tag with the EC50 18ng/ml determined by ELISA. See testing image for detail.

Target Details

Target:	CD200
Alternative Name:	CD200 (CD200 Products)
Background:	CD200, MOX1, MOX2, My033, MRC, OX-2, OX2, CD200 and its receptors are highly expressed in the lung, on epithelial cells and leukocytes, and emerging evidence links dysregulation of the

Target Details

CD200 pathway with asthma. Moreover, pharmacological modulation of CD200 receptors was shown to improve clinical and inflammatory outcomes of preclinical asthma models.

Molecular Weight: 23.5 kDa. Due to glycosylation, the protein migrates to 40-60 kDa based on Tris-Bis PAGE result.

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/mL is recommended (usually we use 1 mg/mL solution for lyophilization). Dissolve the lyophilized protein in distilled water.

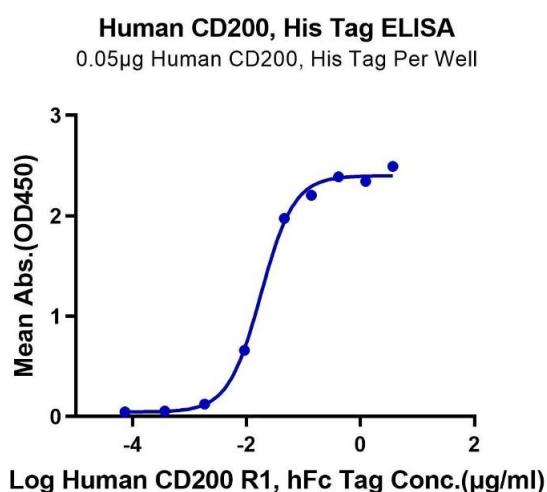
Buffer: Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5 % trehalose is added as protectant before lyophilization.

Storage: 4 °C, -80 °C

Storage Comment: Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

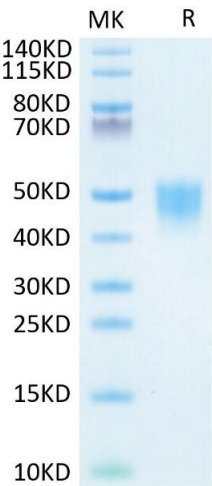
Expiry Date: 12 months

Images



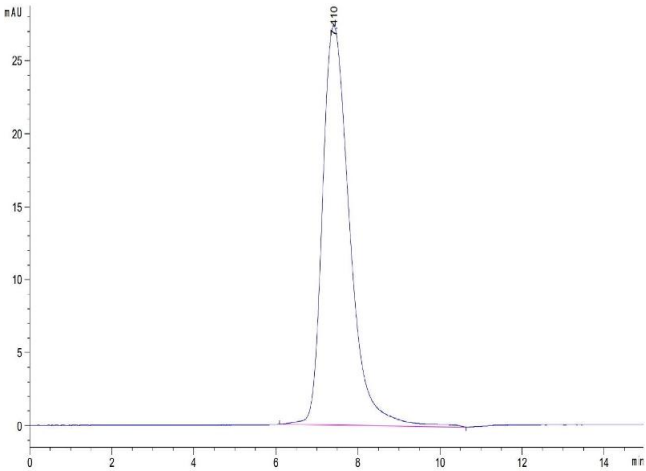
ELISA

Image 1. Immobilized Human CD200 at 0.5 µg/mL (100 µL/Well) on the plate. Dose response curve for Human CD200 R1, hFc Tag with the EC50 18 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.