

Datasheet for ABIN7274117
CD200R1 Protein (His-Avi Tag)

3 Images

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Overview

Quantity:	100 µg
Target:	CD200R1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD200R1 protein is labelled with His-Avi Tag.

Product Details

Sequence:	Ala27-Leu266
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:	CD200R1
Alternative Name:	CD200 R1 (CD200R1 Products)
Background:	CD200R, CRTR2, MOX2R, OX2R, CD200 R1, CD200 receptor 1, HCRTR2, MOX2 receptor,CD200Fc, a chimeric molecule including the extracellular domain of CD200 and a

Target Details

murine IgG2a Fc region, regulates immune responses following engagement of a cell surface receptor, CD200R, expressed on cells of the myeloid and T cell lineage. A recent report focused attention on a family of CD200Rs, but concluded that only one member used CD200 as its ligand.

Molecular Weight: 29.7 kDa. Due to glycosylation, the protein migrates to 52-70 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.

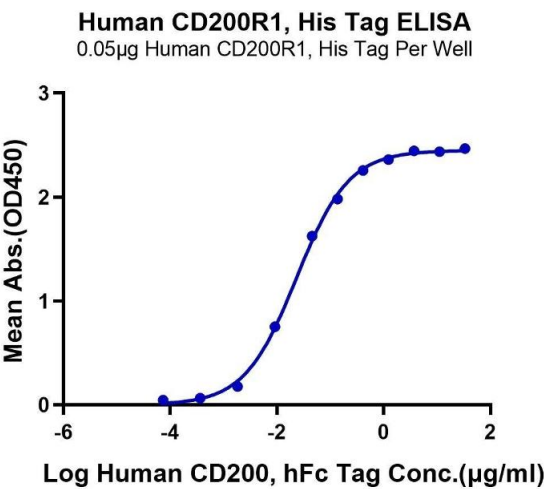
Buffer: Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5 % trehalose is added as protectant before lyophilization.

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

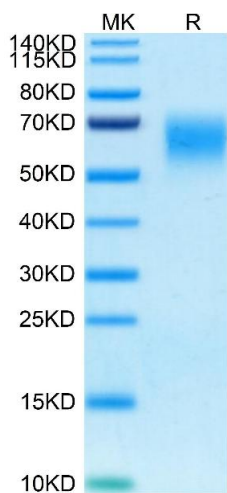
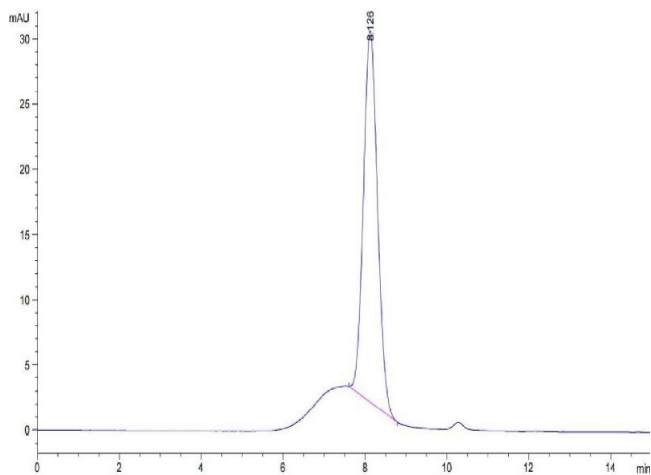


ELISA

Image 1. Immobilized Human CD200 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.

Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Human CD200 R1 is greater than 95 % as determined by SEC-HPLC.



SDS-PAGE

Image 3. Human CD200 R1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .