

Datasheet for ABIN7274114

CD200R1 Protein (AA 27-266) (Fc Tag)**3** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	CD200R1
Protein Characteristics:	AA 27-266
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD200R1 protein is labelled with Fc Tag.

Product Details

Purpose:	Human CD200 R1/CRTR2 Protein
Sequence:	Ala27-Leu266
Characteristics:	Recombinant Human CD200 R1/CRTR2 Protein is expressed from HEK293 with hFc tag at the C-Terminus.It contains 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, His Tag 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:	CD200R1
Alternative Name:	CD200 R1 (CD200R1 Products)
Background:	CD200Fc, a chimeric molecule including the extracellular domain of CD200 and a 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:	53.7 kDa. Due to glycosylation, the protein migrates to 75-105 kDa based on Tris-Bis PAGE result.

Application Details

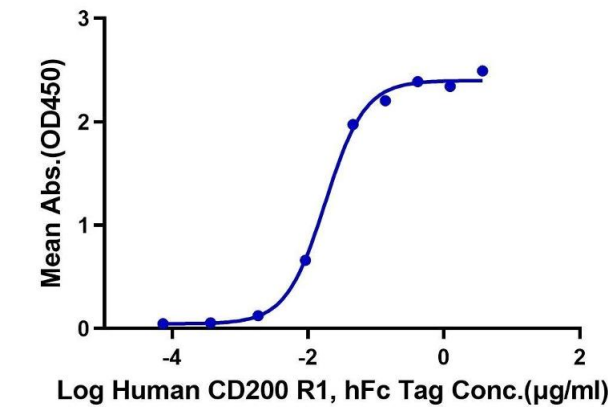
Restrictions:	For Research Use only
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Handling

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

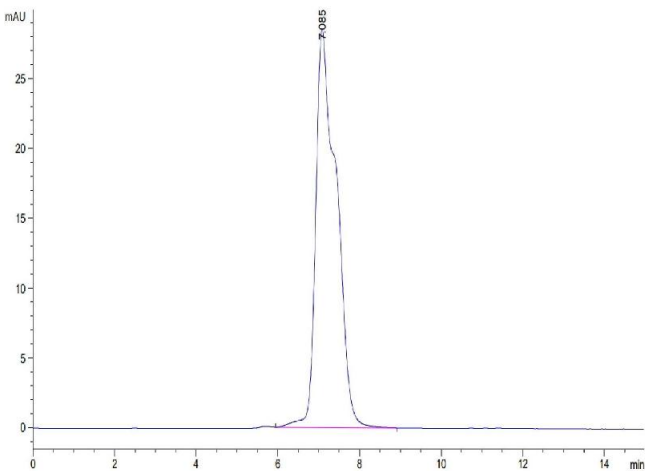
Human CD200 R1, hFc Tag ELISA

0.05µg Human CD200, His Tag Per Well



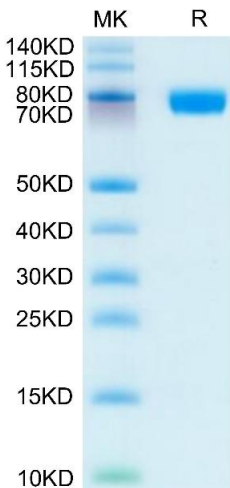
ELISA

Image 1. Immobilized Human CD200, His Tag 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.



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 % .