

Biotinylated Recombinant Human CD200R1 Protein

Catalog No.: RP02593B

Sequence Information

Species	Gene ID
Human	131450
Swiss Prot	Tags
AAQ19772	C-His&Avi

Synonyms

CD200R; CRTR2; MOX2R; OX2R;
CD200 R1; CD200 receptor 1;
HCRTR2; MOX2 receptor

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by Tris-Bis PAGE; ≥ 95 % as determined by HPLC.

Calculated MW Observed MW

29.7 kDa 52-70 kDa

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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.

Basic Information

Description

Biotinylated Recombinant Human CD200R1 Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Ala27-Leu266) of Human CD200R1 fused with a His and Avi tag at the C-terminal.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

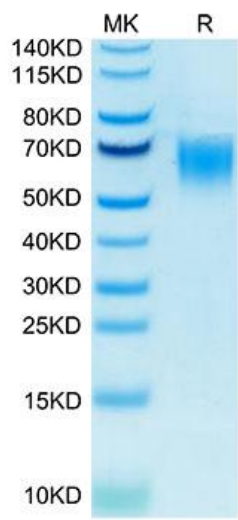
Contact

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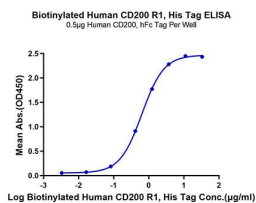
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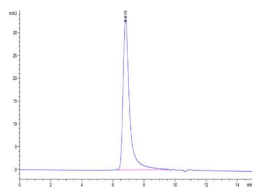
Validation Data



Biotinylated Recombinant Human CD200R1 Protein was determined by Tris-Bis PAGE under reducing conditions.



Immobilized Human CD200, hFc Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human CD200 R1, His Tag with the EC₅₀ of 0.64µg /ml determined by ELISA.



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