

Active Recombinant Human CD200 protein, His-Avi-tagged, Biotinylated, Low Endotoxin

Cat. No. CD200-051H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human CD200 protein(P41217-1)(31-232 aa), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	31-232 aa
Conjugation/Label	Biotin
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Biotinylated Human CD200, His Avi Tag at 1µg/ml (100µl/well) on the streptavidin precoated plate (5µg/ml). Dose response curve for Human CD200 R1, hFc Tag with the EC50 of 5.5ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 25.35 kDa. Due to glycosylation, the protein migrates to 45-60 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC

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Storage Store at -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name CD200 CD200 molecule [Homo sapiens]

Official Symbol CD200

Synonyms CD200; CD200 molecule; antigen identified by monoclonal MRC OX 2, CD200 antigen, MOX1, MOX2; OX-2 membrane glycoprotein; MRC; OX 2; CD200 antigen; MRC OX-2 antigen; antigen identified by monoclonal MRC OX-2; MOX1; MOX2; OX-2;

Gene ID 4345

mRNA Refseq NM_001004196

Protein Refseq NP_001004196

MIM 155970

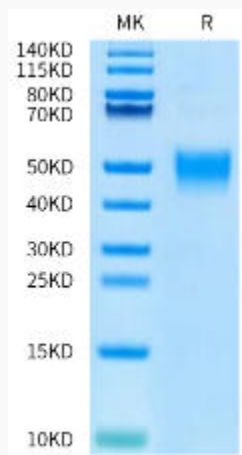
UniProt ID P41217

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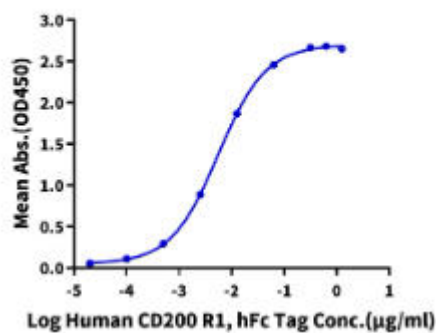
Bis-Tris PAGE



ELISA Data

Biotinylated Human CD200, His Avi Tag ELISA

0.1µg Biotinylated Human CD200, His Avi Tag Per Well



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