

Active Recombinant Human CD200 protein, hFc-tagged, Low Endotoxin

Cat. No. CD200-165H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD200 protein(P41217-1)(Gln31-Gly232), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	31-232 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human CD200 R1, His Tag at 2µg/ml (100µl/Well) on the plate. Dose response curve for Human CD200, hFc Tag with the EC50 of 3.6ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 49.2 kDa. Due to glycosylation, the protein migrates to 60-70 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
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3

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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](#)

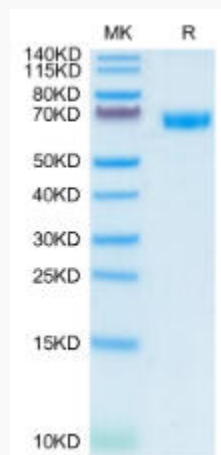
UniProt ID [P41217](#)

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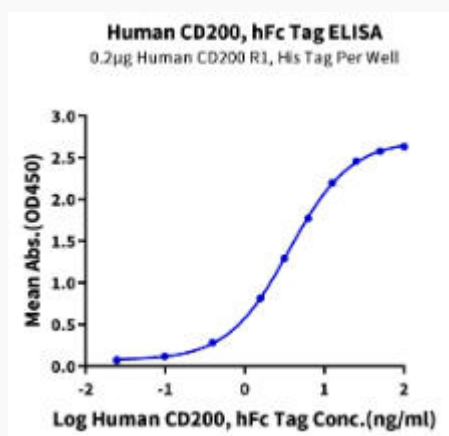
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Bis-Tris PAGE



ELISA Data



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