

## Recombinant Human CD200 protein, hFc-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CD200 protein(P41217-1)(Gln31-Gly232), fused with C-terminal hFc tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Gln31-Gly232
<b>Tag</b>	C-hFc
<b>Form</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	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 0.77ng/ml determined by ELISA.
<b>Molecular Mass</b>	The protein has a predicted MW of 49.2 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Tris-Bis PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC

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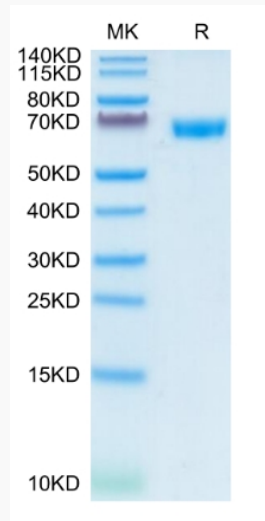
<b>Storage</b>	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	CD200 CD200 molecule [ Homo sapiens ]
<b>Official Symbol</b>	CD200
<b>Synonyms</b>	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;
<b>Gene ID</b>	4345
<b>mRNA Refseq</b>	NM_001004196
<b>Protein Refseq</b>	NP_001004196
<b>MIM</b>	155970
<b>UniProt ID</b>	P41217

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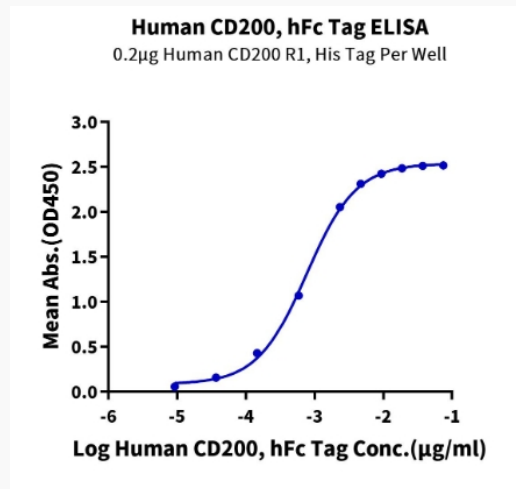
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**Tris-Bis PAGE**



**ELISA Data**



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