

Active Recombinant Human CD200 protein, hFc-tagged

Cat. No. CD200-151H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD200 protein(XP_003825138.1)(Met1-Gly232), fused with hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Gly232
Form	Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Human CD200R His at 2 µg/ml (100 µl/well) can bind Human CD200 hFc, the EC50 of Human CD200 hFc is 1.0-7.0 ng/mL.
Molecular Mass	The recombinant human CD200 consists of 440 amino acids and predicts a molecular mass of 49.2 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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