

Active Recombinant Mouse CD200 protein, Fc-Avi-tagged, Biotinylated

Cat. No. CD200-3071M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Mouse CD200 protein(Gln 31-Gly 232), fused with Fc and Avi tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Gln 31-Gly 232
Form	Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human CD200 R1, His Tag at 5 µg/mL (100 µL/well) can bind Biotinylated Mouse CD200, Fc,Avitag with a linear range of 0.02-0.5 µg/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus, followed by an Avi tag (Avitag™).The protein has a calculated MW of 50.5 kDa. The protein migrates as 66-75 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.>90% as determined by SEC-MALS.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
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.
Conjugation	Biotin
GENE INFORMATION	
Gene Name	Cd200 CD200 antigen [Mus musculus]
Official Symbol	CD200
Synonyms	CD200; CD200 antigen; OX-2 membrane glycoprotein; MRC OX-2 antigen; antigen identified by monoclonal MRC OX-2; OX2; Mox2;
Gene ID	17470
mRNA Refseq	NM_010818
Protein Refseq	NP_034948

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