

Active Recombinant Mouse Cd200 protein, Fc-tagged

Cat. No. Cd200-982M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cd200(Gln31-Gly 232) fused with Fc tag at C-terminal was expressed in NS0.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Gln31-Gly 232
Predicted N Terminal	Gln31 predicted
Form	Lyophilized from a 0.2 µm filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA. When Recombinant Mouse CD200 R1 Fc Chimera is immobilized at 2 µg/mL (100 µL/well), the concentration of Recombinant Mouse CD200 Fc Chimera that produces 50% of the optimal binding response is approximately 5-30 ng/mL.
Molecular Mass	Predicted Molecular Mass: 49 (monomer) kDa;SDS-PAGE: 65-75 kDa, reducing conditions
Endotoxin	<0.10 EU per 1 µg of the protein by the LAL method.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain

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Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.
Reconstitution	Reconstitute at 100 µg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.
GENE INFORMATION	
Gene Name	Cd200 CD200 antigen [<i>Mus musculus</i>]
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
MIM	
UniProt ID	
Chromosome Location	16 29.53 cM; 16 A1

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Pathway	Adaptive Immune System, organism-specific biosystem; Immune System, organism-specific biosystem; Immunoregulatory interactions between a Lymphoid and a non-Lymphoid cell, organism-specific biosystem;
Function	protein binding;

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