

## Active Recombinant Mouse Cd200 protein, Fc-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Cd200(Gln31-Gly 232) fused with Fc tag at C-terminal was expressed in NS0.
<b>Species</b>	Mouse
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	Gln31-Gly 232
<b>Predicted N Terminal</b>	Gln31 predicted
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution in PBS.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	Predicted Molecular Mass: 49 (monomer) kDa;SDS-PAGE: 65-75 kDa, reducing conditions
<b>Endotoxin</b>	<0.10 EU per 1 µg of the protein by the LAL method.
<b>Purity</b>	>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 [ *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

**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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