

Active Recombinant Mouse CD200, MIgG2a Fc-tagged, mutant

Cat. No. CD200-002M Lot. No. (See product label)

SPECIFICATION

Product Overview	The extracellular domain of mouse CD200 (NP_034948.3)(Gln31-Ser236) is fused to the N-terminus of the Fc portion of a mutant mouse IgG2a was expressed in CHO cell.
Species	Mouse
Source	CHO
ProteinLength	31-236 a.a.
Description	The protein encoded by this gene is a type-1 membrane glycoprotein, which contains two immunoglobulin domains, and thus belongs to the immunoglobulin superfamily. Studies of the related genes in mouse and rat suggest that this gene may regulate myeloid cell activity and delivers an inhibitory signal for the macrophage lineage in diverse tissues. Multiple alternatively spliced transcript variants that encode different isoforms have been found for this gene
Form	Lyophilized from 0.2µm-filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA.
Molecular Mass	52 KDa
AA Sequence	Gln31-Ser236

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Endotoxin	<0.06 eu/μg="" as="" determined="" by="" la="">
Purity	≥98%, by SDS-PAGE under reducing conditions.
Stability	Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.
Reconstitution	Reconstitute at 100μg/ml in sterile PBS.
Warning	Avoid freeze/thaw cycles.

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
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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