

Active Recombinant Human CD200, HlgG1 Fc-tagged, mutant

Cat. No. CD200-223H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The extracellular domain of human CD200 (NP_005935.4) (Gln31-Ser236) is fused to the N-terminus of the Fc region of a mutant human IgG1 was expressed in CHO cell.
Species	Human
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	51 KDa (monomer)
AA Sequence	Gln31-Ser236
Endotoxin	<0.06 eu/µg="" as="" determined="" by="" lal="" test="">

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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 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
Chromosome	3

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Location

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

identical protein binding; protein binding;

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