

Datasheet for ABIN7566066

CD200 Protein (CD200) (AA 31-236) (Fc Tag)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	CD200
Protein Characteristics:	AA 31-236
Origin:	Human
Source:	CHO Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CD200 protein is labelled with Fc Tag.

Product Details

Purpose:	CD200 (human):Fc (human) (rec.) (non-lytic)
Cross-Reactivity:	Human
Characteristics:	The extracellular domain of human CD200 (aa 31-236) is fused to the N-terminus of the Fc region of a mutant human IgG1.
Purity:	>98 % (SDS-PAGE)
Sterility:	Sterile filtered
Endotoxin Level:	<1EU/mg protein (LAL test, Lonza).
Biological Activity Comment:	Shows the biological function of the CD200 moiety and exerts a prolonged circulating half-life caused by the modified Fc domain.

Target Details

Target:	CD200
Alternative Name:	CD200 (CD200 Products)
Background:	OX-2 Membrane Glycoprotein, MOX1, MOX2 CD200, also known as OX-2, is a 45 kDa transmembrane immunoregulatory protein that belongs to the immunoglobulin superfamily. CD200 is widely but not ubiquitously expressed. Its receptor (CD200R) is restricted primarily to mast cells, basophils, macrophages, and dendritic cells, which suggests myeloid cell regulation as the major function of CD200. CD200 knockout mice are characterized by increased macrophage number and activation and are predisposed to autoimmune disorders. In T cells, CD200 functions as a costimulatory molecule independent of the CD28 pathway. Several viruses encode CD200 homologs which are expressed on infected cells during the lytic phase. Like CD200 itself, viral CD200 homologs also suppress myeloid cell activity, enabling increased viral propagation.
NCBI Accession:	NP_005935

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from 0.2µm-filtered solution in PBS.
Handling Advice:	Avoid freeze/thaw cycles. Centrifuge lyophilized vial before opening and reconstitution.
Storage:	4 °C, -20 °C
Storage Comment:	Short Term Storage: +4°C Long Term Storage: -20°C Use & 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.