Datasheet for ABIN7535416

# CD200R1 Protein (Fc Tag,His tag)

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## Overview

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| Quantity: | 100 µg |
| Target: | CD200R1 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Biological Activity: | Active |
| Purification tag / Conjugate: | This CD200R1 protein is labelled with Fc Tag,His tag. |

## Product Details

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| Purpose: | Active Recombinant Human CD200R1 Protein |
| Sequence: | AAQPNNSLML QTSKENHALA SSSLCMDEKQ ITQNYSKVLA EVNTSWPVKM ATNAVLCCPP IALRNLIIIT WEIILRGQPS CTKAYRKETN ETKETNCTDE RITWVSRPDQ NSDLQIRTVA ITHDGYYRCI MVTPDGNFHR GYHLQVLVTP EVTLFQNRNR TAVCKAVAGK PAAHISWIPE GDCATKQEYW SNGTVTVKST CHWEVHNVST VTCHVSHLTG NKSLYIELLP VPGAKKSAKL |
| Specificity: | Ala27-Leu266 |
| Purity: | > 95 % by SDS-PAGE. |
| Sterility: | 0.22 µm filtered |
| Endotoxin Level: | <1EU/µg |
| Biological Activity Comment: | Measured by its binding ability in a functional ELISA. Immobilized Human CD200 at 2 µg/mL (100 µL/well) can bind Human CD200 R with a linear range of 0.058-8.34 ng/mL. |

## Target Details

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| Target: | CD200R1 |
| Alternative Name: | CD200R1 (CD200R1 Products) |
| Background: | Description: The cluster of differentiation (CD) system is commonly used as cell markers in Immunophenotyping. Different kinds of cells in the immune system can be identified through the surface CD molecules associating with the immune function of the cell. There are more than 320 CD unique clusters and subclusters have been identified. Some of the CD molecules serve as receptors or ligands important to the cell through initiating a signal cascade which then alter the behavior of the cell. Some CD proteins do not take part in cell signal process but have other functions such as cell adhesion. Cell surface glycoprotein CD200 receptor 1 (CD200R1) is an isoform of CD200 receptors that is expressed on cells of the myeloid lineage. CD200R1 is a receptor for the OX-2 membrane glycoprotein. The receptor-substrate interaction may serve as a myeloid downregulatory signal.<br>Name: CD200R1,CD200R,HCRTR2,MOX2R,OX2R |
| Gene ID: | 131450 |
| UniProt: | Q8TD46 |

## Application Details

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| Restrictions: | For Research Use only |

## Handling

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| Format: | Lyophilized |
| Reconstitution: | Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid votex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles. |
| Buffer: | Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. |
| Storage: | -20 °C,-80 °C |
| Storage Comment: | Store the lyophilized protein at -20°C to -80°C for long term.\|After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. |