

Datasheet for ABIN7534041  
**CD200 Protein (CD200) (His tag)**



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## Overview

Quantity:	100 µg
Target:	CD200
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CD200 protein is labelled with His tag.

## Product Details

Purpose:	Active Recombinant Human OX-2/CD200 Protein
Sequence:	QVQVVTQDER EQLYTPASLK CSLQNAQEAL IVTWQKKKAV SPENMVTFSE NHGVVIQPAY KDKINITQLG LQNSTITFWN ITLEDEGCYM CLFNTEFGFGK ISGTACLTVY VQPIVSLHYK FSEDHLNITC SATARPAPMV FWKVPRSGIE NSTVTLSHPN GTTSVTSILH IKDPKNQVGK EVICQVLHLG TVTDFKQTVN KG
Specificity:	Gln31-Gly232
Purity:	> 95 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	< 0.1 EU/µg of the protein by LAL method.
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 CD200R with a linear range of 0.058-8.34 ng/mL.

## Target Details

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Target:	CD200
Alternative Name:	OX-2/CD200 ( <a href="#">CD200 Products</a> )
Background:	<p>Description: The protein is a type I membrane glycoprotein containing two extracellular immunoglobulin domains, a transmembrane and a cytoplasmic domain. This gene is expressed by various cell types, including B cells, a subset of T cells, thymocytes, endothelial cells, and neurons. The encoded protein plays an important role in immunosuppression and regulation of anti-tumor activity. Alternative splicing results in multiple transcript variants encoding different isoforms.</p> <p>Name: CD200,MOX1,MOX2,MRC,OX-2</p>
Gene ID:	4345
UniProt:	<a href="#">P41217</a>

## Application Details

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Restrictions:	For Research Use only
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## 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 vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (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:	<p>Store the lyophilized protein at -20°C to -80 °C for long term.</p> <p>After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.</p>