

## Recombinant Human CD200 Protein, DYKDDDDK-tagged

**Cat. No.** CD200-218H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CD200 molecule (CD200), transcript variant 1 (NM_005944), with a DYKDDDDK tag, was expressed in human cells.
<b>Species</b>	Human
<b>Source</b>	Human Cells
<b>Description</b>	This gene encodes 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.
<b>Form</b>	Purified protein formulated in a sterile solution of TBS buffer, pH7.388, without any preservatives.
<b>Molecular Mass</b>	49.5kD
<b>Endotoxin</b>	Endotoxin level is < 0.1 ng/g of protein (<1EU /g)
<b>Purity</b>	>90% by SDS-PAGE gel and Coomassie Blue staining
<b>Applications</b>	Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies.

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**GENE INFORMATION**

<b>Gene Name</b>	CD200 CD200 molecule [ Homo sapiens ]
<b>Official Symbol</b>	CD200
<b>Synonyms</b>	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;
<b>Gene ID</b>	4345
<b>mRNA Refseq</b>	NM_001004196
<b>Protein Refseq</b>	NP_001004196
<b>MIM</b>	155970
<b>UniProt ID</b>	P41217

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