

# Recombinant Human CD200 Protein, MYC/DDK-tagged, C13 and N15-labeled

**Cat. No.** CD200-305H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	CD200 MS Standard C13 and N15-labeled recombinant protein (NP_001004196) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<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. [provided by RefSeq, Jan 2016]
<b>Molecular Mass</b>	32.8 kDa
<b>AA Sequence</b>	MERLTLTRTIGGPLLTATLLGKTTINDYQVIRMPFCHLSTYSLVWVMAAVVLCTAQVQ VVTQDEREQLYTPASLKCSLQNAQEALIVTWQKKKAVSPENMVTFSENHGVVIQPA YKDKINITQLGLQNSTITFWNITLEDEGCYMCLFNTFGFGKISGTACLTVYVQPIVSLH YKFSEDHLNITCSATARPAPMVFWKVPRSGIENSTVTLSHPNGTTSVTSILHIKDPKN QVGKEVICQVLHLGTVTDFKQTVNKGYWFSVPLLLSIVSLVILLVLISILLYWKRHRNQ DREPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	50 µg/mL as determined by BCA
<b>Storage Buffer</b>	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

<b>Gene Name</b>	CD200 CD200 molecule [ <i>Homo sapiens (human)</i> ]
<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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