

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

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

SPECIFICATION

Product Overview	CD200 MS Standard C13 and N15-labeled recombinant protein (NP_001004196) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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]
Molecular Mass	32.8 kDa
AA Sequence	MERLTLTRTIGGPLLTATLLGKTTINDYQVIRMPFCHLSTYSLVWVMAAVVLCTAQVQ VVTQDEREQLYTPASLKCSLQNAQEALIVTWQKKKAVSPENMVTFSENHGVVIQPA YKDKINITQLGLQNSTITFWNITLEDEGCYMCLFNTFGFGKISGTACLTVYVQPIVSLH YKFSEDHLNITCSATARPAPMVFWKVPRSGIENSTVTLSHPNGTTSVTSILHIKDPKN QVGKEVICQVLHLGTVTDFKQTVNKGWFSVPLLLSIVSLVILLVLISILLYWKRHRNQ DREPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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

GENE INFORMATION

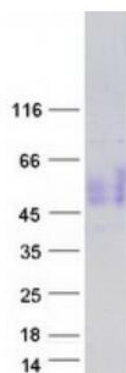
Gene Name	CD200 CD200 molecule [Homo sapiens (human)]
Official Symbol	CD200
Synonyms	CD200; CD200 molecule; antigen identified by monoclonal MRC OX 2, CD200 antigen, MOX1, MOX2; OX-2 membrane glycoprotein; MRC; OX 2; CD200 antigen; MRC OX-2 antigen; antigen identified by monoclonal MRC OX-2; MOX1; MOX2; OX-2;
Gene ID	4345
mRNA Refseq	NM_001004196
Protein Refseq	NP_001004196
MIM	155970
UniProt ID	P41217

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SDS-PAGE



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