

Active Recombinant Human CD200R1 Protein, Fc-Avi-tagged, Biotinylated

Cat. No. CD200R1-348H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Human CD200 R1, Fc Tag is expressed from HEK293 cells. It contains AA Ala 27 - Leu 266 (Accession # AAQ19772.1). This protein carries a human IgG1 Fc tag at the C-terminus, followed by a Avi tag.
Species	Human
Source	HEK293
ProteinLength	27-266 a.a.
Predicted N Terminal	Ala 27
Form	Lyophilized from 0.22 um filtered solution in 50 mM Tris, 100 mM Glycine, pH7.5, 10% trehalose.
Bio-activity	Immobilized Human CD200, Fc Tag at 2 ug/mL (100 uL/well) can bind Biotinylated Human CD200 R1, Fc Tag with a linear range of 0.5-7.8 ug/mL.
Molecular Mass	The protein has a calculated MW of 55.8 kDa. The protein migrates as 70-115 KDa under reducing condition (SDS-PAGE) due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95% as determined by reduced SDS-PAGE.

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Characteristic	Biotinylation of this product is performed using Avitag technology. Briefly, the single lysine residue in the Avitag is enzymatically labeled with biotin. The biotin to protein ratio is 0.5-1 as determined by the HABA assay.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. No activity loss is observed after storage at: 4-8°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
Conjugation	Biotin

GENE INFORMATION

Gene Name	CD200R1 CD200 receptor 1 [Homo sapiens]
Official Symbol	CD200R1
Synonyms	CD200R1; CD200 receptor 1; MOX2 receptor , MOX2R; cell surface glycoprotein CD200 receptor 1; CD200R; HCRTR2; OX2R; MOX2 receptor; CD200 cell surface glycoprotein receptor; cell surface glycoprotein OX2 receptor 1; cell surface glycoprotein receptor CD200; MOX2R;
Gene ID	131450
mRNA Refseq	NM_138806

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Protein Refseq	NP_620161
MIM	607546
UniProt ID	Q8TD46

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