

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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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MIM 607546

UniProt ID Q8TD46

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