Active Recombinant Mouse Cd200r1 protein, His-tagged

Cat. No. Cd200r1-3280M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cd200r1 protein(NP_067300.1)(Met1-Pro238), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	1-238 a.a.
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured by its ability to bind mouse CD200 in a functional ELISA.
Molecular Mass	The recombinant mouse CD200R1 consists of 224 amino acids after removal of the signal peptide and has a predicted molecular mass of 24.6 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rmCD200R1 is approximately 55-65 kDa due to glycosylation.
Proteinlength	Met1-Pro238
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method

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Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
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.

GENE INFORMATION

Gene Name	Cd200r1 CD200 receptor 1 [Mus musculus]
Official Symbol	Cd200r1
Synonyms	CD200R1; CD200 receptor 1; cell surface glycoprotein CD200 receptor 1; Orexin receptor 2; CD200 cell surface glycoprotein receptor; cell surface glycoprotein OX2 receptor 1; antigen identified by monoclonal MRC OX-2 receptor; OX2R; Mox2r; CD200R;
Gene ID	57781
mRNA Refseq	NM_021325
Protein Refseq	NP_067300

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