Recombinant Rat Cd200 Protein, His&GST-tagged

Cat. No. Cd200-660R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Cd200 Protein (Ala47-Ser271) with His&GST tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Ala47-Ser271
Description	Enables protein binding activity involved in heterotypic cell-cell adhesion. Involved in several processes, including negative regulation of interleukin-6 production; negative regulation of leukocyte migration; and negative regulation of neuroinflammatory response. Located in cell surface; neuron projection; and neuronal cell body. Orthologous to human CD200 (CD200 molecule).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 55.1 kDa; Accurate Molecular Mass: 43 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

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	48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Cd200 Cd200 molecule [Rattus norvegicus (Norway rat)]
Official Symbol	Cd200
Synonyms	CD200; Cd200 molecule; OX-2 membrane glycoprotein; Cd200 antigen; MRC OX-2 antigen; antigen identified by monoclonal MRC OX-2; Cell surface protein (thymocyte antigen identified by monoclonal MRC-OX2; cell surface protein (thymocyte antigen identified by monoclonal MRC-OX2); Mox2; Cspmo2; MRCOX2; MGC108657;
Gene ID	24560
mRNA Refseq	NM_031518
Protein Refseq	NP_113706
UniProt ID	A0A5D0

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