

Recombinant Mouse Cd200r1 Protein, His-tagged

Cat. No. Cd200r1-661M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cd200r1 Protein (Thr26-Pro238) with His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Thr26-Pro238
Description	Enables signaling receptor activity. Predicted to be involved in several processes, including negative regulation of interleukin-6 production; negative regulation of leukocyte migration; and negative regulation of neuroinflammatory response. Located in external side of plasma membrane. Is expressed in central nervous system; liver lobe; retina; and thymus primordium. Orthologous to several human genes including CD200R1 (CD200 receptor 1).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 26.7 kDa; Accurate Molecular Mass: 33 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

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 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

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 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

Cd200r1 CD200 receptor 1 [*Mus musculus* (house mouse)]

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

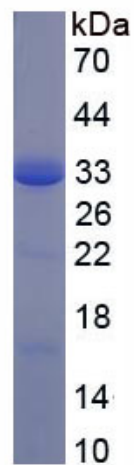
UniProt ID

Q9ES57

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