Active Recombinant Mouse Cd200 protein(Met1-Gly232), His-tagged

Cat. No. Cd200-2272M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse CD200 (O54901.1) (Met 1-Gly 232) was expressed HEK293 with a polyhistidine tag at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Gly232
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized recombinant mouse CD200 at 1 μg/ml (100ul/well) can bind mouse CD200R1/Fc with a linear range of 1.5-200 ng/ml.
Molecular Mass	The secreted recombinant mouse CD200 consists of 213 amino acids and has a calculated molecular mass of 24 kDa.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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	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	Cd200 CD200 antigen [Mus musculus]
Official Symbol	Cd200
Synonyms	CD200; CD200 antigen; OX-2 membrane glycoprotein; MRC OX-2 antigen; antigen identified by monoclonal MRC OX-2; OX2; Mox2;
Gene ID	17470
mRNA Refseq	NM_010818
Protein Refseq	NP_034948

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