

Active Recombinant Rhesus CD200 protein, His-tagged

Cat. No. CD200-716R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rhesus CD200 protein(NP_001244473.1) (Met1-Gly232) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Rhesus macaque
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	Immobilized Rhesus CD200-His at 10 µg/ml (100 µl/well) can bind human CD200R1-Fch, The EC50 of human CD200R1-Fch is 0.49-1.15 µg/ml.
Molecular Mass	The recombinant rhesus CD200 comprises 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 Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended to reconstitute the lyophilized powder in sterile water to 100-200 ug/ml, and further dilute with other solvents. The dissolved protein can be stored at 4°C for 2-7 days and should be used up as soon as possible. If not in use for a short time, please store at -20°C.

GENE INFORMATION

Gene Name	CD200 CD200 molecule [<i>Macaca mulatta</i> (Rhesus monkey)]
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Official Symbol	CD200
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Synonyms	CD200
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Gene ID	708110
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mRNA Refseq	NM_001257544
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Protein Refseq	NP_001244473
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