

## Active Recombinant Rhesus CD200 protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rhesus CD200 protein(NP_001244473.1) (Met1-Gly232) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
<b>Species</b>	Rhesus macaque
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Gly232
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	The recombinant rhesus CD200 comprises 213 amino acids and has a calculated molecular mass of 24 KDa.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	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

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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**

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

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