

## 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.<br>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<br>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**

|           |                                                                |
|-----------|----------------------------------------------------------------|
| Gene Name | CD200 CD200 molecule [ <i>Macaca mulatta</i> (Rhesus monkey) ] |
|-----------|----------------------------------------------------------------|

|                 |       |
|-----------------|-------|
| 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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