

## Active Recombinant Rhesus FCGR3 protein, His/Avi-tagged, Biotinylated

**Cat. No.** FCGR3-411R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Biotinylated Recombinant Rhesus FCGR3 protein(NP_001258584.1) extracellular domain (Met 1- Gln 208) was expressed in HEK293, fused with a c-terminal polyhistidine tagged AVI tag at the C-terminus. |
| <b>Species</b>          | Rhesus macaque                                                                                                                                                                                       |
| <b>Source</b>           | HEK293                                                                                                                                                                                               |
| <b>ProteinLength</b>    | Met 1- Gln 208                                                                                                                                                                                       |
| <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>     | Measured by its ability to bind human IgG1 in a functional ELISA.                                                                                                                                    |
| <b>Molecular Mass</b>   | The recombinant rhesus CD16 consists of 223 amino acids and has a calculated molecular mass of 25.3 kDa.                                                                                             |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method                                                                                                                                       |
| <b>Purity</b>           | > 92 % 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                                                                                                                    |

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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 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.

**Conjugation**

Biotin

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