

# Active Recombinant Cynomolgus FCGR3A protein, His-tagged, Low Endotoxin

**Cat. No.** FCGR3A-246C    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                          |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Cynomolgus FCGR3A protein(Q8SPW2-1)(17-208 aa), fused with C-terminal His tag, was expressed in HEK293.                                                      |
| <b>Species</b>          | Cynomolgus                                                                                                                                                               |
| <b>Source</b>           | HEK293                                                                                                                                                                   |
| <b>ProteinLength</b>    | 17-208 aa                                                                                                                                                                |
| <b>Form</b>             | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.                                           |
| <b>Bio-activity</b>     | Rituximab captured on CM5 Chip via Protein A can bind Cynomolgus Fc gamma RIII, His Tag with an affinity constant of 0.251 µM as determined in SPR assay (Biacore T200). |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 23.1 kDa. Due to glycosylation, the protein migrates to 45-55 kDa based on Bis-Tris PAGE result.                                       |
| <b>Endotoxin</b>        | Less than 0.01 EU per µg by the LAL method.                                                                                                                              |
| <b>Purity</b>           | > 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC                                                                                                        |
| <b>Storage</b>          | Store at -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3                                                                                        |

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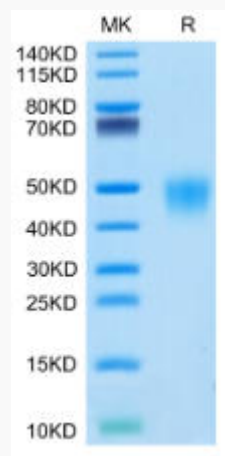
 45-1 Ramsey Road, Shirley, NY 11967, USA

months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

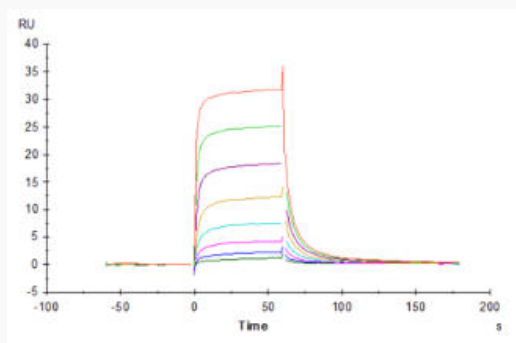
#### Reconstitution

Dissolve the lyophilized protein in distilled water.

#### Bis-Tris PAGE



#### SPR Data



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