

## Recombinant Cynomolgus GDF15 protein, hFc-tagged

Cat. No. GDF15-6854C    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Cynomolgus GDF15 protein(G7PWZ3)(Ala197-Val308), fused with N-terminal hFc tag, was expressed in HEK293.                                                        |
| <b>Species</b>          | Cynomolgus                                                                                                                                                                  |
| <b>Source</b>           | HEK293                                                                                                                                                                      |
| <b>ProteinLength</b>    | Ala197-Val308                                                                                                                                                               |
| <b>Tag</b>              | N-hFc                                                                                                                                                                       |
| <b>Form</b>             | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.                                              |
| <b>Bio-activity</b>     | Immobilized Cynomolgus GFRAL, His Tag at 1ug/ml (100ul/well) on the plate. Dose response curve for Cynomolgus GDF15, hFc Tag with the EC50 of 3.5ng/ml determined by ELISA. |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 37.9 kDa. Due to glycosylation, the protein migrates to 40-50 kDa based on Tris-Bis PAGE result.                                          |
| <b>Endotoxin</b>        | Less than 1EU per µg by the LAL method.                                                                                                                                     |
| <b>Purity</b>           | > 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC                                                                                                            |

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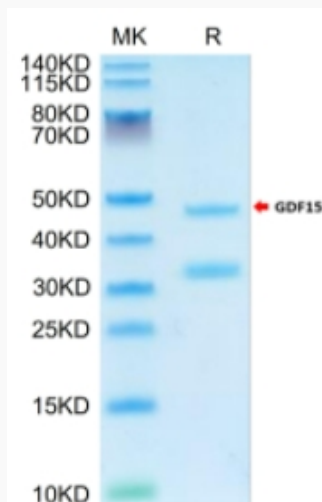
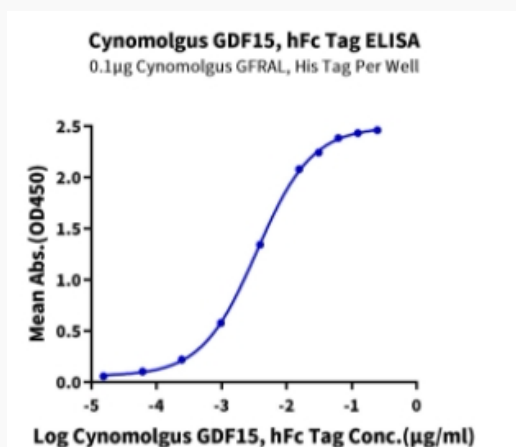
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**Storage**

Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

**Reconstitution**

Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

**Tris-Bis PAGE**

**ELISA Data**


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