

## Active Recombinant Cynomolgus GP6 protein, His-tagged, Low Endotoxin

**Cat. No.** GP6-1460C    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Cynomolgus GP6 protein(XP_005590417.2)(21-251 aa), fused with C-terminal His tag, was expressed in HEK293.                                                            |
| <b>Species</b>          | Cynomolgus                                                                                                                                                                        |
| <b>Source</b>           | HEK293                                                                                                                                                                            |
| <b>ProteinLength</b>    | 21-251 aa                                                                                                                                                                         |
| <b>Form</b>             | Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.                                                   |
| <b>Bio-activity</b>     | Immobilized Cynomolgus GPVI, His Tag at 0.5 µg/ml (100 µl/well) on the plate. Dose response curve for Anti-GPVI Antibody, hFc Tag with the EC50 of 4.9 ng/ml determined by ELISA. |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 26.42 kDa. Due to glycosylation, the protein migrates to 50-60 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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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

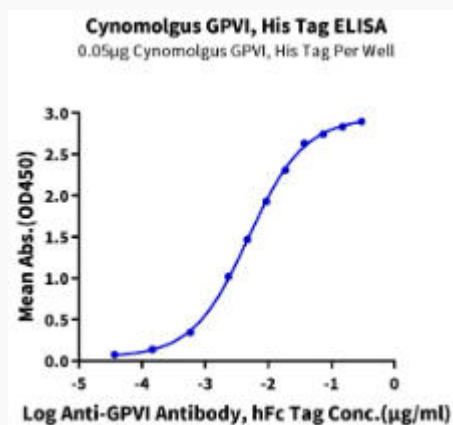
#### Reconstitution

Dissolve the lyophilized protein in distilled water.

#### Bis-Tris PAGE



#### ELISA Data



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