

## Recombinant Cynomolgus CA9 protein, His-tagged

**Cat. No.** CA9-1450C    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Cynomolgus CA9 protein(A0A2K5VQG9)(Gln38-Asp402), fused with C-terminal His tag, was expressed in HEK293.                                                        |
| <b>Species</b>          | Cynomolgus                                                                                                                                                                   |
| <b>Source</b>           | C-His                                                                                                                                                                        |
| <b>ProteinLength</b>    | Gln38-Asp402                                                                                                                                                                 |
| <b>Tag</b>              | C-His                                                                                                                                                                        |
| <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>     | Immobilized Cynomolgus CA9, His Tag at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Anti-CA9 Antibody, hFc Tag with the EC50 of 5.1ng/ml determined by ELISA. |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 41.03 kDa. Due to glycosylation, the protein migrates to 50-60 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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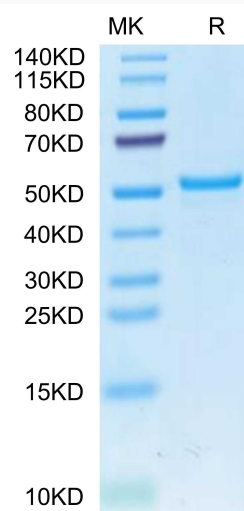
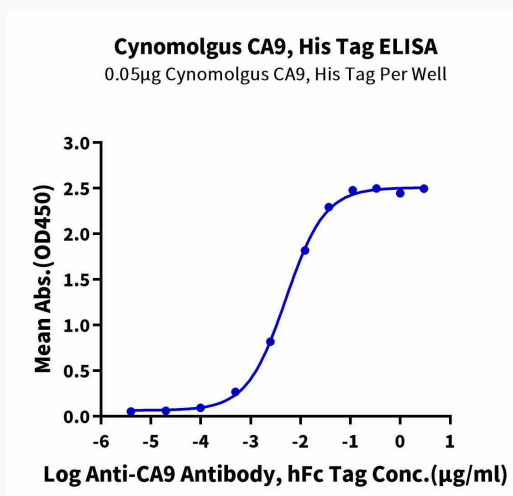
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**Storage**

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**


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