

Catalog No.: RPT0037 **Recombinant**

Species	Gene ID	Swiss Prot
Cynomolqus		G8F4W7

C-6His-Avi

Ig-like domain-containing protein
;EGM 20642;lqE

Source	Purification
HEK293 cells	≥ 90 % as determined by SDS-PAGE

Calculated MW	Observed MW
27.45 kDa	35-40 kDa

< 0.1 EU/μg of the protein by LAL method.

Lyophilized from 0.22µm filtered solution
in PBS (pH 7.4).

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

IgE protein is an important immunoglobulin component that participates in the recognition and effector phases of humoral immunity. As a membrane-bound receptor on B lymphocytes, IgE triggers clonal expansion upon antigen binding, leading to plasma cell differentiation.

Recombinant Cynomolgus IgE Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Lys208-Lys429) of Cynomolgus IgE (Accession # G8F4W7) fused with His tag and Avi tag at the C-terminus.

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
Avoid repeated freeze/thaw cycles.

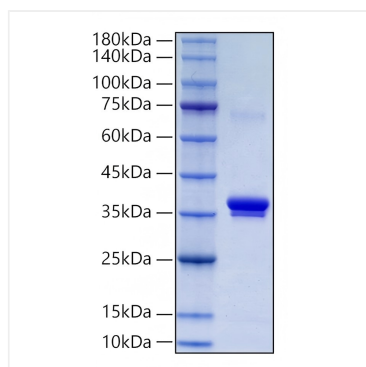
For your safety and health, please wear a lab coat and disposable gloves for handling.

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Validation Data



Recombinant Cynomolgus IgE Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.