

Recombinant Cynomolgus IgE Protein

Catalog No.: RPT0037 Recombinant

Sequence Information

Species Gene ID Swiss Prot Cynomolgus ☐ G8F4W7

Tags C-6His-Avi

Synonyms

Ig-like domain-containing protein ;EGM_20642;IgE

Product Information

Source Purification HEK293 cells ≥ 90 % as

determined by SDS-

PAGE.

Calculated MW Observed MW

27.45 kDa 35-40 kDa

Endotoxin

< 0.1 EU/ μ g of the protein by LAL method.

Formulation

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

Reconstitution

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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

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Background

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.

Basic Information

Description

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.

Bio-Activity

Shipping

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

Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

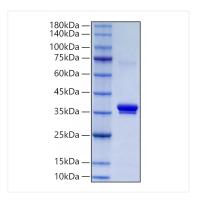
After reconstitution, the protein solution is stable at -20 $^{\circ}$ C for 3 months, at 2-8 $^{\circ}$ C for up to 1 week.

Avoid repeated freeze/thaw cycles.

Operational Notes

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

Validation Data



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