

RPT0037

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Recombinant Cynomolgus IgE Protein

Catalog No.: RPT0037

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells		G8F4W7

Tags

C-6His-Avi

Synonyms

Ig-like domain-containing protein
;EGM_20642;IgE

Product Information

Source

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.

Purification

≥ 90 % as determined by SDS-PAGE.

Endotoxin

< 0.1 EU/μg 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

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

Lyophilized proteins are shipped at ambient temperature. Liquid proteins are shipped at frozen temperature with dry ice. Upon receipt, store it immediately at the temperature recommended below.

Operational Notes

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

Storage

Store at -20°C
Avoid repeated freeze/thaw cycles.

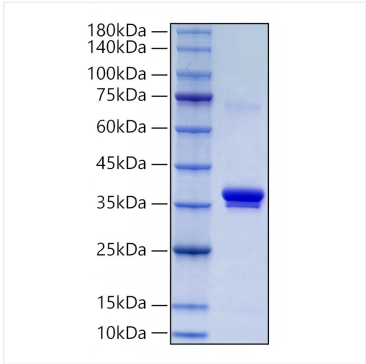
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Contact



www.abclonal.com

Validation Data



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