Recombinant Cynomolgus IgE Protein

Catalog No.: RPT0037

Sequence Information

Species
Cynomolgus

Gene ID

Swiss Prot
G8F4W7

Tags
C-6His-Avi

Synonyms
Ig-like domain-containing protein , EGM_20642,IgE

Product Information

Source
HEK293 cells

Purification
≥ 90 % as determined by SDS-PAGE.

Calculated MW
27.45 kDa

Observed MW
35-40 kDa

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 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.

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.

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.

Storage
Store at -20℃

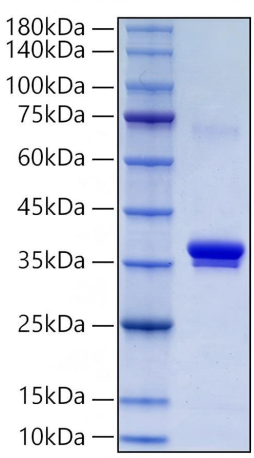
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn

For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.

Validation Data



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