Cynomolgus FCGRT & B2M Heterodimer Protein, Biotinylated

Catalog Number: CT031-C08H-B

General Information

Gene Name Synonym:
FCGRT & B2M

Protein Construction:
A DNA sequence encoding the extracellular domain (Met1-Ser297) of cyno FCGRT (Q8SPV9) was fused with a polyhistidine tag at the C-terminus, constructed the plasmid 1; A DNA sequence encoding the cyno B2M (Q6V7J5) (Met1-Met119) constructed the plasmid 2. The two plasmids were co-expressed and the FCGRT/B2M heterodimer was purified. The purified protein was biotinylated in vitro.

Source: Cynomolgus

Expression Host: HEK293 Cells

QC Testing

Purity: > 95 % as determined by SDS-PAGE

Bio Activity:
Measured by its ability to bind human IgG1 in functional ELISA.

Endotoxin:
< 1.0 EU per μg protein as determined by the LAL method.

Stability:
Samples are stable for up to twelve months from date of receipt at -70 °C

Predicted N terminal: Ala 24 & Ile 21

Molecular Mass:
The recombinant heterodimer of cyno FCGRT&B2M comprises 384 (285+99) amino acids and has a calculated molecular mass of 43.5 (31.9+ 11.6) KDa.

Formulation:
Lyophilized from sterile PBS.

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Usage Guide

Storage:
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:
Detailed reconstitution instructions are sent along with the products.

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