Human FCGRT & B2M Heterodimer Protein

Catalog Number: CT071-H27H

General Information

Gene Name Synonym:
alpha-chain; FCRN

Protein Construction:
A DNA sequence encoding the extracellular domain (Met1-Ser297) of human FCGRT (NP_004098.1) was fused with a C-terminal polyhistidine tagged AVI tag at the C-terminus, constructed the plasmid 1; A DNA sequence encoding the human B2M (NP_004039.1) (Met1-Met119) constructed the plasmid 2. The two plasmids were co-expressed and the human FCGRT/B2M heterodimer was purified.

Source: Human

Expression Host: HEK293 Cells

QC Testing

Purity: (74.0±24.4) % as determined by SDS-PAGE

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 human FCGRT/B2M comprises 399 (300+99) amino acids and has a calculated molecular mass of 45.3 (33.6+11.7) KDa.

Formulation:
Lyophilized from sterile PBS, pH 7.4.
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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