

Human FCGRT & B2M Heterodimer Protein



Sino Biological
Biological Solution Specialist

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: > 95 % 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:

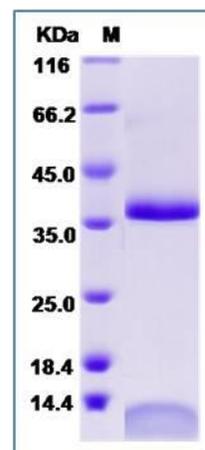
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



Manufactured By Sino Biological Inc., FOR RESEARCH USE ONLY. NOT FOR USE IN HUMANS.

For US Customer: Fax: 267-657-0217 ● Tel: 215-583-7898

Global Customer: Fax :+86-10-5862-8288 ● Tel:+86-400-890-9989 ● <http://www.sinobiological.com>