Human Galanin / GAL Protein (Fc Tag)

Catalog Number: **11392-H02H**

Sino Biological Inc.
Biological Solution Specialist

General Information

Gene Name Synonym:

GAL-GMAP; GALN; GLNN; GMAP; Galn

Protein Construction:

A DNA sequence encoding the human GAL (P22466) (Met1-Ser123) was expressed with the Fc region of human IgG1 at the C-terminus.

Source: Human

Expression Host: Human Cells

QC Testing

Purity: > 95 % as determined by SDS-PAGE

Endotoxin:

< 1.0 EU per μg of the protein as determined by the LAL method

Stability:

Samples are stable for up to twelve months from date of receipt at -70 ℃

Predicted N terminal: Ala 20

Molecular Mass:

The recombinant human GAL/Fc is a disulfide-linked homodimer. The reduced monomer comprises 345 amino acids and has a predicted molecular mass of 38.5 kDa. The apparent molecular mass of the protein is approximately 43 kDa in SDS-PAGE under reducing conditions.

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℃ to -80℃ 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:

