

Canine IGFBP5 / IGFBP-5 Protein (Fc Tag)

Catalog Number: 70042-D02H



Sino Biological Inc.

Biological Solution Specialist

General Information

Gene Name Synonym:

IGFBP5

Protein Construction:

A DNA sequence encoding the canine IGFBP5 (F1PEQ5) (Met1-Glu271) was expressed with the Fc region of human IgG1 at the C-terminus.

Source: Canine

Expression Host: Human Cells

QC Testing

Purity: (26.4+14.4+6.3+4.6+46.8) % 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 °C

Predicted N terminal: Leu 20

Molecular Mass:

The recombinant canine IGFBP5/Fc is a disulfide-linked homodimer. The reduced monomer comprises 493 amino acids and has a predicted molecular mass of 55.5 kDa. The apparent molecular mass of the protein is approximately 64, 45, 43, 40, and 33 kDa in SDS-PAGE under reducing conditions.

Formulation:

Lyophilized from sterile PBS, pH 7.4.

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

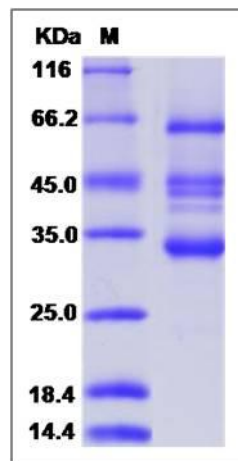
Usage Guide

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.

SDS-PAGE:



Reconstitution:

Detailed reconstitution instructions are sent along with the products.