

Feline IL10 / Interleukin-10 Protein



Sino Biological Inc.

Biological Solution Specialist

Catalog Number: 67001-UNAE

General Information

Gene Name Synonym:

IL10

Protein Construction:

A DNA sequence encoding the feline IL10 (P55029.2) (Ser19-Ile178) was expressed with an initial Met at the N-terminal.

Source: Feline

Expression Host: E. coli

QC Testing

Purity: > 95 % as determined by SDS-PAGE

Bio-Activity:

1. Immobilized felineIL10at 10 µg/ml (100 µl/well) can bind Cynomolgus IL10RA-Fc (Cat:90125-C02H), The EC50 of Cynomolgus IL10RA-Fc (Cat:90125-C02H) is 0.14-0.32 µg/ml.
2. Measured in a cell proliferation assay using MC/9-2 mouse mast cells. The ED50 for this effect is typically 0.1-0.6 ng/mL.

Endotoxin:

Please contact us for more information.

Stability:

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

Predicted N terminal: Met

Molecular Mass:

The recombinant feline IL10 consists of 161 amino acids and has a predicted molecular mass of 18.9 kDa. The apparent molecular mass of it is approximately 19 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.

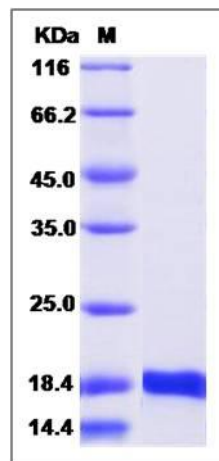
Usage Guide

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.

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

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