

Rat IL10 / Interleukin-10 Protein

Catalog Number: 80082-RNAE



Sino Biological Inc.

Biological Solution Specialist

General Information

Gene Name Synonym:

IL10, IL-10

Protein Construction:

A DNA sequence encoding the rat IL10 (NP_036986.2) (Ser19-Asn178) was expressed and purified with an initial Met.

Source: Rat

Expression Host: E. coli

QC Testing

Purity: > 80 % as determined by SDS-PAGE

Bio-Activity:

Measured in a cell proliferation assay using MC/9-2 mouse mast cells.
The ED50 for this effect is typically 2-8 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 rat IL10 consists of 160 amino acids and has a predicted molecular mass of 18.6 kDa. The apparent molecular mass of the recombinant protein is approximately 18 kDa in SDS-PAGE under reducing conditions.

Formulation:

Lyophilized from sterile PBS, 10 % glycerol.

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.

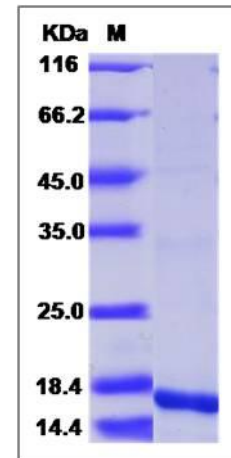
Usage Guide

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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