

Mouse IL4 / Interleukin-4 Protein

Catalog Number: 51084-MNAE



Sino Biological Inc.
Biological Solution Specialist

General Information

Gene Name Synonym:

IL4, IL-4

Protein Construction:

A DNA sequence encoding the mouse IL4 (NP_067258.1) (His23-Ser140) was expressed with a N-terminal Met.

Source: Mouse

Expression Host: E. coli

QC Testing

Purity: > 90 % as determined by SDS-PAGE

Bio-Activity:

Measured in a cell proliferation assay using HT-2 mouse T cells.
The ED50 for this effect is typically 0.4-2 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 mouse IL4 consists of 119 amino acids and predicts a molecular mass of 13.4 KDa. It migrates as an approximately 14 KDa band 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.

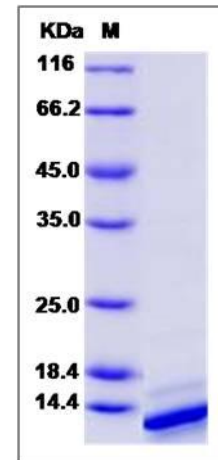
Usage Guide

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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