

Feline IL1B / IL-1 beta Protein



Sino Biological Inc.

Biological Solution Specialist

Catalog Number: 67002-UNAE

General Information

Gene Name Synonym:

IL1B, IL-1 beta

Protein Construction:

A DNA sequence encoding the feline IL1B (NP_001070882.1) (Ala116-Ser267) was expressed with an initial Met.

Source: Feline

Expression Host: E. coli

QC Testing

Purity: > 95 % as determined by SDS-PAGE.

Bio-Activity:

Measured in a cell proliferation assay using D10.G4.1 mouse helper T cells. Symons, J.A. et al. (1987) in *Lymphokines and Interferons, a Practical Approach*. Clemens, M.J. et al. (eds): IRL Press. 272. The ED50 for this effect is typically 1-5 pg/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 IL1B consists 153 amino acids and predicts a molecular mass of 17.5 kDa.

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.

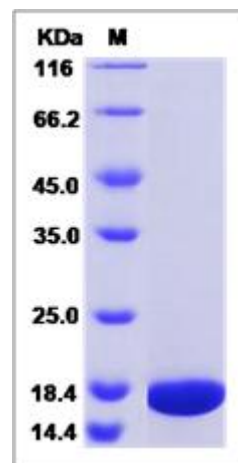
Usage Guide

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.

Fax :+86-10-51029969 • Tel:+86-400-890-9989 • <http://www.sinobiological.com>