Sus scrofa (Pig) IL1B / IL-1 beta Protein

Catalog Number: 62003-WNAE

Sino Biological Inc.
Biological Solution Specialist

General Information

Gene Name Synonym:

IL1B, IL-1 beta

Protein Construction:

A DNA sequence encoding the sus scrofa IL1B (NP_999220.1) (Ala115-Pro267) was expressed with an initial Met.

Source: Sus scrofa (Pig)

Expression Host: E. coli

QC Testing

Purity: > 90 % 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 0.08-0.4 ng/mL.

Endotoxin:

Please contact us for more information.

Stability:

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

Predicted N terminal: Met

Molecular Mass:

The recombinant sus scrofa IL1B consists 154 amino acids and predicts a molecular mass of 17.7 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.

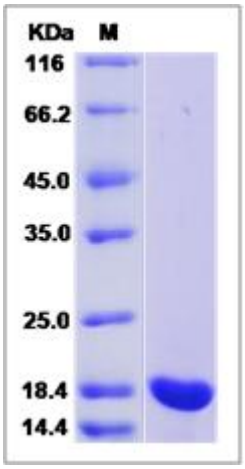
Usage Guide

Storage:

Store it under sterile conditions at -20℃ to -80℃ 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.