

Sus scrofa (Pig) IL-1 beta (Pig) recombinant protein



Catalog Number: 500445

General Information

Protein Construction

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

Organism

Sus scrofa (Pig)

Expression Host

E. coli

QC Testing

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.

Purity

> 90 % as determined by SDS-PAGE.

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

Formulation

Lyophilized from sterile PBS, pH 7.4.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

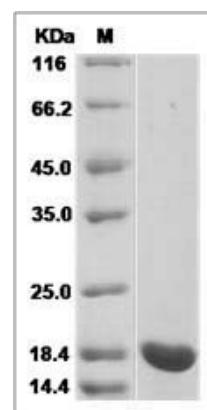
Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



IL1B protein SDS-PAGE