

General Information

Protein Construction

A DNA sequence encoding the human IL13 (AAK53823.1) (Met 1-Asn 132) was expressed and purified.

Organism

Human

Expression Host

CHO Cells

QC Testing

Activity

Measured in a cell proliferation assay using TF1 human erythroleukemic cells (Kitamura, T. et al. 1989, J. Cell Physiol. 140:323.). The ED₅₀ for this effect is typically 0.5-3 ng/mL.

Purity

> 92 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per µg of the protein as determined by the LAL method

Stability

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

Predicted N terminal

Gly 21

Molecular Mass

The recombinant human IL13 consists of 112 amino acids and migrates as an approximately 12.5 kDa band in SDS-PAGE under reducing conditions as predicted.

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

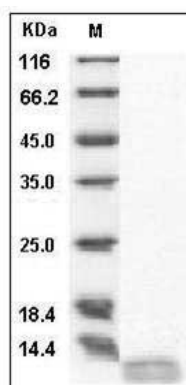
Storage

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



Human IL13 / ALRH Protein SDS-PAGE