

General Information

Protein Construction

A DNA sequence encoding the Cynomolgus (Macaca fascicularis) IL13 (ABG75889.1) (Met 1-Asn 132) precursor was expressed.

Organism

Cynomolgus

Expression Host

Human Cells

QC Testing

Activity

Measured in a cell proliferation assay using TF-1 human erythroleukemic cells. The ED₅₀ for this effect is typically 2-8 ng/mL.

Purity

> 85 % 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

Ser 21

Molecular Mass

The recombinant Cynomolgus IL13 consists of 112 amino acids and has a calculated molecular mass of 12.3 kDa as estimated by SDS-PAGE under reducing conditions.

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

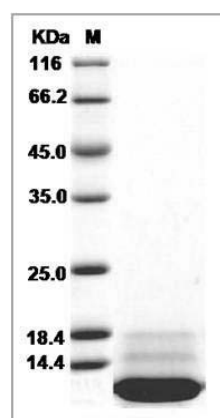
Storage

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



Cynomolgus IL13 / ALRH Protein SDS-PAGE