

Human IL22 / Interleukin 22 recombinant protein



Catalog Number: 502557

General Information

Gene Name Synonym:

Cytokine Zcyto18; IL-10-related T-cell-derived-inducible factor

Protein Construction:

A DNA sequence encoding human IL22(NP_065386.1) (Ala34-Ile179) was expressed with a N-terminal Met.

Source:Human

Expression Host:E. coli

QC Testing

Activity:

Measured by its ability to induce IL-10 secretion in COLO 205 human colorectal adenocarcinoma cells. The ED₅₀ for this effect is typically 0.1-0.5 ng/mL.

Purity:

> 95 % 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 human IL22 consists of 147 amino acids and predicts a molecular mass of 16.9 KDa. It migrates as an approximately 15 KDa band in SDS-PAGE under reducing conditions.

Formulation:

Lyophilized from sterile PBS, pH 8.0.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

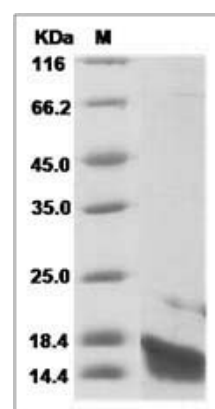
Storage:

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 IL22 / IL-22 / Interleukin 22 Protein SDS-PAGE