

# Human IL16 (His Tag) recombinant protein



Catalog Number: 500638

## General Information

### Gene Name Synonym

Interleukin-16; Lymphocyte chemoattractant factor

### Protein Construction

A DNA sequence encoding the mature form of human IL16 (AAC12732.1) (Pro 2-Ser 130) was expressed, with a polyhistidine tag at the N-terminus.

### Organism

Human

### Expression Host

E. coli

## QC Testing

### Activity

Measured by its ability to bind recombinant human CD4-Fc in a functional ELISA.

### Purity

> 96 % 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 IL16 consisting of 145 amino acids and has a calculated molecular mass of 15.3 kDa. It migrates as an 24 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

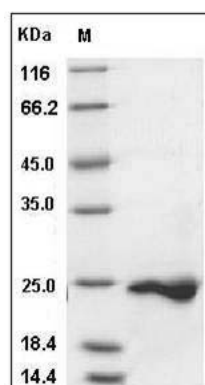
### Storage

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 IL16 / Interleukin-16 Protein (His Tag)  
SDS-PAGE