

# Human IL-8/CXCL8 (aa 23-99) recombinant protein



Catalog Number: 500653

## General Information

### Protein Construction

The 77 amino acid endothelial-cell derived form (Ala 23-Ser 99) of the mature human IL8 (NP\_000575.1) was expressed and purified.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 95 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu$ g 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

Ala 23

### Molecular Mass

The recombinant mature human cytokine IL8 comprising the 1-77 amino acids predicts a molecular mass of 8 kDa, and migrates as an

approximately 12 kDa protein in SDS-PAGE due to glycosylation.

### Formulation

Lyophilized from sterile 100mM NaCl, 50mM Tris, pH 7.5

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

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

## Usage Guide

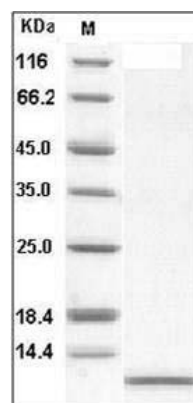
### Storage

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 IL-8 / CXCL8 Protein (aa 1-77) SDS-PAGE