# Human IL-8/CXCL8 (aa 28-99, Fc Tag) recombinant protein

Catalog Number: 503943



## General Information

### **Protein Construction**

A DNA sequence encoding the 72 amino acid residue form (Ser 28-Ser 99) of mature human IL8 (NP\_000575.1) was fused with the Fc region of human IgG1 at the N-terminus.

### **Organism**

Human

## **Expression Host**

**Human Cells** 

# **QC Testing**

#### **Purity**

> 90 % 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

Glu 20

#### **Molecular Mass**

The recombinant human Fc/IL8 (aa 6-77)is a disulfide-linked homodimeric protein. The reduced monomer consists of 309 amino acids and has a predicted molecular mass of 35 kDa. In SDS-PAGE

under reducing conditions, the apparent molecular mass of rh Fc/IL8 (6-77)monomer is approximately 40 kDa due to glycosylation.

#### **Formulation**

Lyophilized from sterile 100mM Glycine, 10mM 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**

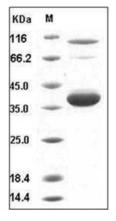
### **Storage**

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 6-77, Fc Tag) SDS-PAGE