

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 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

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

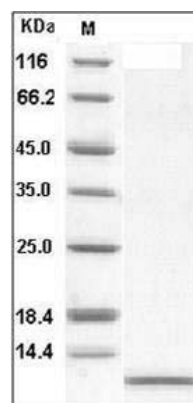
Storage

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