

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 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

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

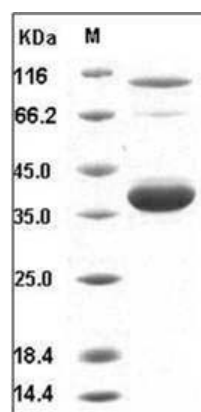
Storage

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



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SDS-PAGE