A Reliable Research Partner in Life Science and Medicine

Recombinant Human IL-8/CXCL8 Protein (aa 23-99)

Catalog Number: PKSH033608

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Species Human

Source E.coli-derived Human IL-8/CXCL8 protein Ala23-Ser99

Calculated MW 8.9 kDa Observed MW 11 kDa Accession P10145

Bio-activity Not validated for activity

Properties

Purity > 95 % as determined by reducing SDS-PAGE.

Endotoxin < 1.0 EU per µg of the protein as determined by the LAL method.

Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 Storage

°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of

reconstituted samples are stable at < -20°C for 3 months.

This product is provided as lyophilized powder which is shipped with ice packs. Shipping

Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. Formulation

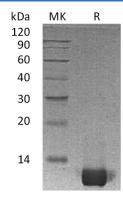
Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants

before lyophilization.

Please refer to the specific buffer information in the printed manual.

Please refer to the printed manual for detailed information. Reconstitution

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Interleukin-8 (IL-8) belongs to the neutrophil-specific CXC family of chemokines. It is one of the initial cytokines released from a variety of cell types; including T cells; endothelial cells and fibroblasts; in response to an inflammatory stimulus and acts by recruiting neutrophils; T-cells and basophils to the site of inflammation. Elevated Interleukin-8 levels are associated with the onset of a variety of disease states.

For Research Use Only