

## General Information

### Gene Name Synonym

Interleukin-8, IL-8, C-X-C Motif Chemokine 8, Emotakin, Granulocyte Chemotactic Protein 1, GCP-1, Monocyte-Derived Neutrophil Chemotactic Factor, MDNCF, Monocyte-Derived Neutrophil-Activating Peptide, MONAP, Neutrophil-Activating Protein 1, NAP-1, Protein 3-10C, T-Cell Chemotactic Factor, IL8, CXCL8

### Protein Construction

A DNA sequence encoding the Human CXCL8/IL8 Glu21-Ser99 is expressed with a 6His tag at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

>95% as determined by SDS-PAGE.

### Endotoxin

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

### Stability

Store for up to 12 months at -20°C to -80°C as

lyophilized powder. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

### Formulation

Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH7.4.

## Usage Guide

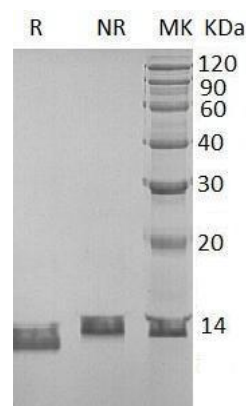
### Storage

Lyophilized protein should be stored at <-20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days.

### Reconstitution

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## SDS-PAGE



Human CXCL8/IL8 (His tag) recombinant protein