

## PRODUCT INFORMATION

|   |  |
|---|--|
| <b>Target</b>                           | IL-8   |
| <b>Synonyms</b>                         | Interleukin-8;IL-8;C-X-C Motif Chemokine 8;CXCL8;Emoctakin;Granulocyte Chemotactic Protein 1;GCP-1;Monocyte-Derived Neutrophil Chemotactic Factor;MDNCF;Monocyte-Derived Neutrophil-Activating Peptide;MONAP;Neutrophil-Activating Protein 1;NAP-1   |
| <b>Description</b>                      | Recombinant Human C-X-C Motif Chemokine 8/Interleukin 8 is produced by our Mammalian expression system and the target gene encoding Glu21-Ser99 is expressed with a 6His tag at the C-terminus.  |
| <b>Delivery</b>                         | In Stock   |
| <b>Uniprot ID</b>                       | P10145   |
| <b>Expression Host</b>                  | HEK293   |
| <b>Tag</b>                              | C-6xHis Tag  |
| <b>Molecular Characterization</b>       | Not available  |
| <b>Molecular Weight</b>                 | 10.1 KDa   |
| <b>Purity</b>                           | Greater than 95% as determined by reducing SDS-PAGE.   |
| <b>Formulation &amp; Reconstitution</b> | Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.  |
| <b>Storage&amp;Shipping</b>             | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.  |
| <b>Background</b>                       | 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. |
| <b>Usage</b>                            | Research use only  |
| <b>Conjugate</b>                        | Unconjugated   |



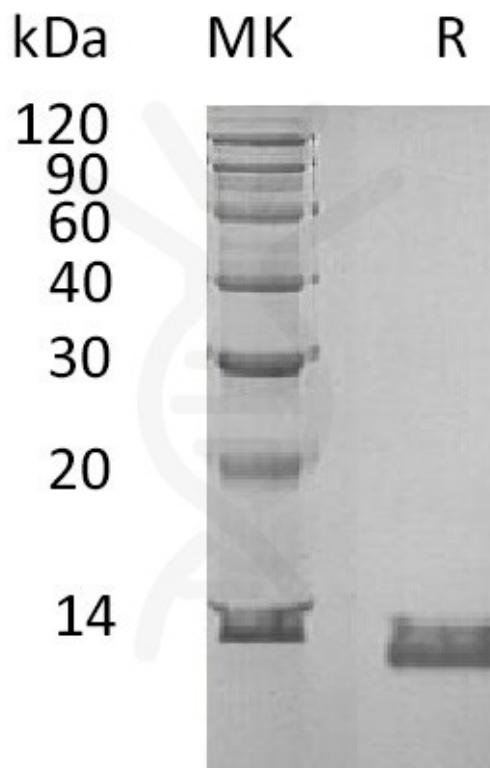


Figure 1. Greater than 95% as determined by reducing SDS-PAGE.

