

HUMAN CXCL3 (N-6HIS) PROTEIN**Cat.#:** 12081**Product Name:** Human CXCL3 (N-6His) Protein**Size:** 10 µg, 50 µg and 100 µg**Synonyms:** C-X-C Motif Chemokine 3;GRO-Gamma (1-73);Growth-Regulated Protein Gamma;GRO-Gamma;Macrophage Inflammatory Protein 2-Beta;MIP2-Beta;GRO-Gamma (5-73);CXCL3;GRO3;GROG;SCYB3**Target:** CXCL3**UNIPROT ID:** P19876**Description:** Recombinant Human C-X-C Motif Chemokine 3 is produced by our E.coli expression system and the target gene encoding Ala35-Asn107 is expressed with a 6His tag at the N-terminus.**Background:** C-X-C Motif Chemokine 3 (CXCL3) is a secreted protein that belongs to the intercrine alpha (chemokine CXC) family. CXCL3 controls the migration and adhesion of monocytes and mediates its effect on its target cell by interacting with a cell surface chemokine receptor called CXCR2. In addition, CXCL3 is thought to play a role in inflammation and exert its effects on endothelial cells in an autocrine fashion.**Species/Host:** E.coli**Molecular Weight:** 10.1 KDa**Molecular Characterization:** Not available**Purity:** Greater than 95% as determined by reducing SDS-PAGE.**Formulation & Reconstitution:** Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.**Storage & Shipping:** 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.

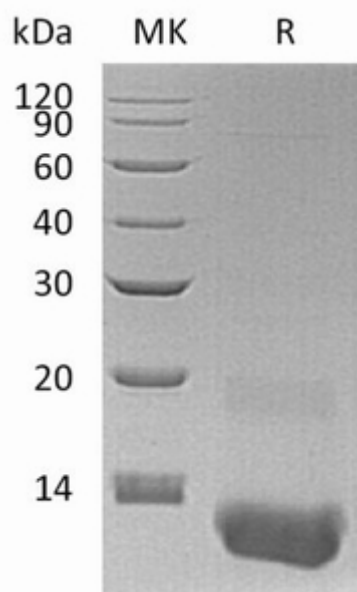


Figure 1. Greater than 95% as determined by reducing SDS-PAGE.