

## CERTIFICATE OF ANALYSIS

### Product Information

Product Name: GRO alpha /CXCL1, Human

Cat. No.: Z03303-5; Z03303-25; Z03303-1

Lot No.: P50011405

Size: 5 µg/vial; 25 µg/vial; 1mg/vial

Storage Condition: Lyophilized recombinant Human GRO alpha /CXCL1 remains stable up to 6 months at lower than -70°C from date of receipt. Upon reconstitution, Human GRO alpha /CXCL1 should be stable up to 1 week at 4°C or up to 3 months at -20°C.

### Quality Control

| Test Items                              | Specifications            | Results   |
|---|---------------------------|-----------|
| Physical Appearance                     | White Freeze-dried Powder | Conformed |
| Purity (SDS-PAGE)                       | > 95%                     | Conformed |
| Biological Activity (EC <sub>50</sub> ) | <100 ng/ml                | Conformed |
| Molecular Weight                        | 7.8 kDa                   | Conformed |
| Bacterial Endotoxin                     | < 0.2 EU/µg               | Conformed |

### Caution:

For laboratory use only. Not for household use. If you have any questions about the Certificate of Analysis, please contact our customer service representative at 1-877-436-7274 (Toll-Free), or 1-732-885-9188.

Certified by: Joe Wang Date: 07/20/2014  
Protein Products Department