



# Certificate of Analysis

## Animal-Free GRO-beta/CXCL2 Protein, Human (His)

|                   |                       |
|-------------------|-----------------------|
| Cat. No.:         | HY-P700045AF          |
| Batch No.:        | 260847                |
| Species:          | Human                 |
| Source:           | <i>E. coli</i>        |
| Tag:              | N-His                 |
| Accession:        | P19875 (A35-N107)     |
| Gene ID:          | 2920                  |
| Molecular Weight: | Approximately 8.7 kDa |

### ANALYTICAL DATA

| TEST                | Specifications  | Results |
|---------------------|---|---------|
| Purity              | Greater than 95% as determined by reducing SDS-PAGE.  | ≥95.0%  |
| Endotoxin Level     | <0.1 EU per 1 µg of the protein by the LAL method.  | PASS    |
| Biological Activity | Measure by its ability to chemoattract BaF3 cells transfected with human CXCR2. The ED <sub>50</sub> for this effect is <10 ng/mL.  | PASS    |
| Appearance          | Lyophilized powder.   |         |
| Reconstitution      | It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O.   |         |
| Storage & Stability | Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage. |         |
| Shipping            | Room temperature in continental US; may vary elsewhere.   |         |

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA