



# Certificate of Analysis

## IL-34 Protein, Human (CHO, His)

|                   |                        |
|-------------------|------------------------|
| Cat. No.:         | HY-P73211              |
| Batch No.:        | 433273                 |
| Species:          | Human                  |
| Source:           | CHO                    |
| Tag:              | C-His                  |
| Accession:        | AAH29804.1 (N21-P242)  |
| Gene ID:          | 146433                 |
| Molecular Weight: | Approximately 26.7 kDa |

### ANALYTICAL DATA

| TEST                | Specifications   | Results   |
|---------------------|--|-----------|
| Purity              | Greater than 95% as determined by reducing SDS-PAGE.   | 96.70%    |
| Endotoxin Level     | <1 EU/μg, determined by LAL method.  | PASS      |
| Biological Activity | Measured in a cell proliferation assay using human peripheral blood mononuclear cell and the ED <sub>50</sub> is <8 ng/mL.   | 4.5 ng/mL |
| 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 (with carrier protein). 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