



# Certificate of Analysis

## IL-6R alpha Protein, Human (HEK293, Fc)

**Cat. No.:** HY-P73222  
**Batch No.:** 274555  
**Species:** Human  
**Source:** HEK293  
**Tag:** C-hFc  
**Accession:** NP\_000556.1 (L20-P365)  
**Gene ID:** 3570  
**Molecular Weight:** 80-100 kDa

### ANALYTICAL DATA

| TEST                | Specifications   | Results     |
|---------------------|--|-------------|
| Purity              | Greater than 95% as determined by reducing SDS-PAGE.   | ≥95.0%      |
| Endotoxin Level     | <1 EU/μg, determined by LAL method.  | <1 EU/μg    |
| Biological Activity | Measured in a cell proliferation assay using TF-1 human erythroleukemic cells. The ED <sub>50</sub> for this effect is 4.366 ng/mL in the presence of 2 ng/mL recombinant mouse IL-6, corresponding to a specific activity is 2.29×10 <sup>5</sup> units/mg. | 4.366 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. 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

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