

## GMP IL-3 Protein, Human (His)

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|--------------------------|---|
| <b>Cat. No.:</b>         | HY-P70576G  |
| <b>Synonyms:</b>         | Interleukin-3; IL-3; Hematopoietic Growth Factor; Mast Cell Growth Factor; MCGF; Multipotential Colony-Stimulating Factor; P-Cell-Stimulating Factor; IL3 |
| <b>Species:</b>          | Human   |
| <b>Source:</b>           | E. coli   |
| <b>Accession:</b>        | P08700  |
| <b>Gene ID:</b>          | 3562  |
| <b>Molecular Weight:</b> | 13-16 kDa   |

### PROPERTIES

|                                |   |
|--------------------------------|---|
| <b>AA Sequence</b>             | <p>A P M T Q T T P L K      T S W V N C S N M I      D E I I T H L K Q P      P L P L L D F N N L</p> <p>N G E D Q D I L M E      N N L R R P N L E A      F N R A V K S L Q N      A S A I E S I L K N</p> <p>L L P C L P L A T A      A P T R H P I H I K      D G D W N E F R R K      L T F Y L K T L E N</p> <p>A Q A Q Q T T L S L      A I F</p> |
| <b>Biological Activity</b>     | Measured in a cell proliferation assay using TF-1 human erythroleukemic cells and The specific activity is about $3.3 \times 10^6$ - $2.0 \times 10^7$ IU/mg.   |
| <b>Appearance</b>              | Lyophilized powder.   |
| <b>Formulation</b>             | Lyophilized from a 0.2 $\mu$ m filtered solution of PBS, pH 7.4.  |
| <b>Endotoxin Level</b>         | <0.1 EU/ $\mu$ g, determined by LAL method.   |
| <b>Reconstitution</b>          | It is not recommended to reconstitute to a concentration less than 100 $\mu$ g/mL in injection water.   |
| <b>Storage &amp; Stability</b> | 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.   |
| <b>Shipping</b>                | Room temperature in continental US; may vary elsewhere.   |

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**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