

Animal-Free IL-3 Protein, Human (His)

Cat. No.:	HY-P70576AF
Synonyms:	rHuIL-3; Hematopoietic growth factor; Mast cell growth factor; MCGF; Multipotential colony-stimulating factor; P-cell-stimulating factor
Species:	Human
Source:	E. coli
Accession:	AAC08706.1 (A20-F152)
Gene ID:	3562
Molecular Weight:	Approximately 16 kDa

PROPERTIES

AA Sequence	<p> M A P M T Q T T S 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 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 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 A Q A Q Q T T L S L A I F </p>
Biological Activity	Measure by its ability to induce TF-1 cells proliferation. The ED ₅₀ for this effect is <0.15 ng/mL. The specific activity of recombinant human IL-3 is approximately >1.2 x 10 ⁶ IU/mg
Appearance	Lyophilized powder.
Formulation	Lyophilized from a solution containing 1X PBS, pH 8.0.
Endotoxin Level	<0.1 EU per 1 µg of the protein by the LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ 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.

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