

IL-3 Protein, Human (sf9, His)

Cat. No.:	HY-P73206
Synonyms:	Interleukin-3; IL-3; MCGF
Species:	Human
Source:	Sf9 insect cells
Accession:	P08700 (M1-F152)
Gene ID:	3562
Molecular Weight:	Approximately 19 kDa

PROPERTIES

Biological Activity	1. Measured in a cell proliferation assay using TF1 human erythroleukemic cells and the ED ₅₀ is typically 0.3-1.5 ng/mL. 2. Loaded Anti-IL3 Antibody, Mouse Monoclonal on AMC Biosensor, can bind IL-3 Protein, Human (sf9, His) with an affinity constant of 0.2 μM as determined by Octet RED System.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μm filtered solution of 20 mM Tris, 500 mM NaCl, pH 7.4
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
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.

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