

IL-5 Protein, Human (HEK293, His)

Cat. No.:	HY-P70612
Synonyms:	Interleukin-5; IL-5; B-cell differentiation factor I; Eosinophil differentiation factor; T-cell replacing factor; TRF; IL5
Species:	Human
Source:	HEK 293
Accession:	P05113 (I20-S134)
Gene ID:	3567
Molecular Weight:	Approximately 20.0 kDa

PROPERTIES

AA Sequence	<p>I P T E I P T S A L V K E T L A L L S T H R T L L I A N E T L R I P V P V H K N</p> <p>H Q L C T E E I F Q G I G T L E S Q T V Q G G T V E R L F K N L S L I K K Y I D</p> <p>G Q K K K C G E E R R R V N Q F L D Y L Q E F L G V M N T E W I I E S</p>
Biological Activity	The cell proliferation assay using TF-1 human erythroleukemic cells has an ED50 of 402.48 pg/mL.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, 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.
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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