



# Certificate of Analysis

## IL-5 Protein, Rabbit (HEK293, His)

Cat. No.:	HY-P78608
Batch No.:	270463
Species:	Rabbit
Source:	HEK293
Tag:	N-6*His
Accession:	G1SL79-1 (M20-S134)
Gene ID:	100358075
Molecular Weight:	15-18 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE.	90.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured in a cell proliferation assay using TF-1 <i>human erythroleukemic cells</i> . The $ED_{50}$ for this effect is 0.276 ng/ml, corresponding to a specific activity is $3.6 \times 10^6$ units/mg.	PASS
Appearance	Lyophilized powder.	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> 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 for 2 years. 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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