



# Certificate of Analysis

## IL-17A Protein, Human (CHO)

Cat. No.:	HY-P73171
Batch No.:	252790
Species:	Human
Source:	CHO
Tag:	Tag Free
Accession:	Q16552 (G24-A155)
Gene ID:	3605
Molecular Weight:	Approximately 16&19&20 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE	90.10%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	1.Measured by its binding ability in a functional ELISA. Immobilized human IL17A at 10 μg/mL (100 μl/well) can bind human IL17Ra and the EC <sub>50</sub> is 20.0-48.0 ng/mL. 2. Measured by its ability to induce IL-6 secretion by NIH-3T3 mouse embryonic fibroblast cells in the presense of 20 ng/mL TNFα and the ED <sub>50</sub> is 0.2-1 ng/mL.	PASS (Test by method 1) 0.2 ng/mL (Test by method 2)
Appearance	Lyophilized powder.	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> 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. 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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