



# Certificate of Analysis

## IL-9 Protein, Mouse (sf9, His)

Cat. No.:	HY-P73229
Batch No.:	240927
Species:	Mouse
Source:	<i>Sf9 insect cells</i>
Tag:	C-His
Accession:	P15247 (M1-P144)
Gene ID:	16198
Molecular Weight:	Approximately 15.6 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	97.30%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured in a cell proliferation assay using MC/9 mouse mast cells and the ED <sub>50</sub> is typically 0.2-2 ng/mL.	0.2 ng/mL
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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA