



Certificate of Analysis

Animal-Free IL-15 Protein, Mouse (His)

Cat. No.:	HY-P700193AF
Batch No.:	369498
Species:	Mouse
Source:	<i>E. coli</i>
Tag:	N-His
Accession:	P48346 (N49-S162)
Gene ID:	16168
Molecular Weight:	Approximately 14.06 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	98.00%
Endotoxin Level	<0.1 EU per 1 µg of the protein by the LAL method.	PASS
Biological Activity	Measure by its ability to induce CTLL-2 cells proliferation. The ED ₅₀ for this effect is < 10 ng/mL. The specific activity of recombinant mouse IL-15 is approximately > 1x10 ⁵ IU/mg.	<10 ng/mL
Appearance	Lyophilized powder	
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 for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). 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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