



Certificate of Analysis

Galectin-1/LGALS1 Protein, Mouse

Cat. No.:	HY-P74131
Batch No.:	260506
Species:	Mouse
Source:	<i>E. coli</i>
Tag:	Tag Free
Accession:	P16045 (M1-E135)
Gene ID:	16852
Molecular Weight:	Approximately 15 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	96.70%
Endotoxin Level	<1 EU/µg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to agglutinate human red blood cells. The ED ₅₀ for this effect is typically 6-60 µg/mL.	6 µg/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. 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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