



Certificate of Analysis

IL-1 beta Protein, Canine

Cat. No.: HY-P73146
 Batch No.: 438775
 Species: Canine
 Source: *E. coli*
 Tag: Tag Free
 Accession: Q28292 (A115-S266)
 Gene ID: 403974
 Molecular Weight: Approximately 17 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	96.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to induce Interferon gamma secretion by human natural killer lymphoma NK-92 cells. The ED ₅₀ for this effect is 0.2-1 ng/mL.	0.2-1 ng/mL
Appearance	Solution.	
Concentration	2.25 mg/mL	
Reconstitution	N/A.	
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.	
Shipping	Shipping with dry ice.	

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

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