



Certificate of Analysis

CXCL17 Protein, Rat

Cat. No.:	HY-P71897
Batch No.:	293772
Species:	Rat
Source:	<i>E. coli</i>
Tag:	Tag Free
Accession:	D4A875 (S23-L119)
Gene ID:	308436
Molecular Weight:	Approximately 11.5 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	97.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Fully biologically active when compared to standard. The ED ₅₀ as determined by its ability to induce VEGF expression using murine endothelial cells is less than 5.0 μg/mL, corresponding to a specific activity of >200 IU/mg	1.78 μg/mL
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in sterile distilled water. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).	
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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