



Certificate of Analysis

XCL1 Protein, Rat (His)

Cat. No.:	HY-P71947A
Batch No.:	262620
Species:	Rat
Source:	E. coli
Tag:	N-6*His
Accession:	P51672 (V22-G114)
Gene ID:	171371
Molecular Weight:	Approximately 13 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	<1 EU/μg
Biological Activity	Measured by its ability to chemoattract Jurkat cells. The ED ₅₀ this effect is 27.03 ng/mL, corresponding to a specific activity is 3.70×10 ⁴ units/mg.	27.03 ng/mL
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O. 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. 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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