



Certificate of Analysis

EGF Protein, Canine (His)

Cat. No.:	HY-P72981
Batch No.:	286063
Species:	Canine
Source:	<i>E. coli</i>
Tag:	N-His
Accession:	Q9BEA0 (N973-R1024)
Gene ID:	403657
Molecular Weight:	16-22 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE or Tris-Bis PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Immobilized Canine EGF, His Tag at 1 μg/mL (100 μl/well) on the plate. Dose response curve for Human EGFR, hFc Tag with the EC ₅₀ of 4.7 ng/mL determined by ELISA.	PASS
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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