



## Certificate of Analysis

## CXCL16 Protein, Canine (HEK293, His)

Cat. No.:	HY-P75697
Batch No.:	358284
Species:	Canine
Source:	HEK293
Tag:	C-6*His
Accession:	XP_849304.2 (N22-S205)
Gene ID:	607514
Molecular Weight:	Approximately 30-55 kDa due to the glycosylation

## ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	95.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Determined by its ability to chemoattract activated Jurkat cells. The ED <sub>50</sub> for this effect is 0.9798 ng/mL, corresponding to a specific activity is 1.021×10 <sup>6</sup> U/mg.	0.9798 ng/mL
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> 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 (with carrier protein). 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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