



Certificate of Analysis

CD40 Protein, Canine (HEK293, His)

Cat. No.:	HY-P75411
Batch No.:	280039
Species:	Canine
Source:	HEK293
Tag:	C-His
Accession:	Q7YRL5 (M1-A194)
Gene ID:	403469
Molecular Weight:	30-40 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.	PASS
Biological Activity	Immobilized Canine CD40, His Tag at 5 μg/mL (100 μl/well) on the plate. Dose response curve for Human CD40 Ligand (Trimer) , hFc Tag with the EC ₅₀ of 6.5 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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