



Certificate of Analysis

Angiotensin-2 Protein, Canine (HEK293, His)

Cat. No.:	HY-P75509
Batch No.:	320431
Species:	Canine
Source:	HEK293
Tag:	N-His
Accession:	A0A8J8 (K274-F495)
Gene ID:	607616
Molecular Weight:	Approximately 29-33 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	96.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Canine Angiotensin-2 at 2 μg/mL (100 μL/well) can bind Biotinylated Cynomolgus TIE-2. The ED ₅₀ for this effect is 214.7 ng/mL.	214.7 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 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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA