



Certificate of Analysis

Neuregulin-1/NRG1 Protein, Canine (HEK293)

Cat. No.:	HY-P74709
Batch No.:	277234
Species:	Canine
Source:	HEK293
Tag:	Tag Free
Accession:	XP_858147 (S19-K240)
Gene ID:	482861
Molecular Weight:	Approximately 47 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	Measured by its binding ability in a functional ELISA. Immobilized canine NRG1 at 10 μg/mL (100 μl/well) can bind human ErbB4-Fc, The EC ₅₀ of human ErbB4-Fc is 0.19-0.43 μg/mL.	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. 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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