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Certificate of Analysis

NOV/CCN3 Protein, Canine (HEK293, His)

Cat. No.:	HY-P76520
Batch No.:	355022
Species:	Canine
Source:	*HEK293*
Tag:	C-6*His
Accession:	J9P4N7 (Q29-M353)
Gene ID:	475083
Molecular Weight:	Approximately 42-50 due to the glycosylation

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE	93.90%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to mediate Balb/3T3 mouse embryonic fibroblast cell adhesion, rhNOV, immobilized at 10 μg/mL, will induce 62.85% adhesion on Balbc/3T3 cells (100 μL/well at 3 x 10^4 cells/mL).	62.85%
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH_2O. 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.

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