



Certificate of Analysis

Agrin Protein, Human (CHO, His)

Cat. No.:	HY-P79236
Batch No.:	263328
Species:	Human
Source:	CHO
Tag:	N-6*His
Accession:	NP_940978 (A1260-P2045)
Gene ID:	375790
Molecular Weight:	97.12 kDa-110 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 the ability of the immobilized protein to support the adhesion of U-87 MG human glioblastoma/astrocytoma cells. The ED ₅₀ this effect is <113.4 ng/mL after 1 hour incubation at 37 °C, corresponding to a specific activity is > 8.8183×10 ³ units/mg.	PASS
Appearance	Lyophilized powder.	
Reconstitution	It is not recommended to reconstitute to a concentration less than 300 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. 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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