



Certificate of Analysis

APLN Protein, Human (HEK293, Fc)

Cat. No.:	HY-P77874
Batch No.:	272364
Species:	Human
Source:	HEK293
Tag:	C-hFc
Accession:	Q9ULZ1 (G23-F77)
Gene ID:	8862
Molecular Weight:	32-40 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by Tris-Bis PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	<0.05 EU/μg
Biological Activity	Immobilized Human APLN, hFc Tag at 0.5 μg/mL (100 μl/Well) on the plate. Dose response curve for Biotinylated Anti-APLN Antibody, hFc Tag with the EC ₅₀ of 22.2 ng/mL determined by ELISA.	22.2 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. 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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