



Certificate of Analysis

ALPI Protein, Human (HEK293, N-His)

Cat. No.:	HY-P700394
Batch No.:	314021
Species:	Human
Source:	HEK293
Tag:	N-10*His
Accession:	P09923 (V20-D503)
Gene ID:	248
Molecular Weight:	55.2 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	97.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Unit Definition: One unit is defined as the amount of enzyme required to cleave 1 nmol p-nitro-phenylphosphate (pNPP), in 1 minute at 37°C, pH 10.0. The specific activity is > 8836.463 U/mg.	9198.4 U/mg
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 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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