



Certificate of Analysis

Alkaline Phosphatase/ALPP Protein, Human (HEK293, C-His)

Cat. No.: HY-P7487A
Batch No.: 246531
Species: Human
Source: HEK293
Tag: C-6*His
Accession: P05187 (I23-D506)
Gene ID: 250
Molecular Weight: approximately 62.5 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	Immobilized Human ALPP at 1 μg/mL (100 μL/well) can bind Anti-ALPP Antibody, The ED ₅₀ for this effect is 3.432 ng/mL.	3.432 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 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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