



Certificate of Analysis

P4HB Protein, Mouse (HEK293, His)

Cat. No.:	HY-P74658
Batch No.:	289550
Species:	Mouse
Source:	HEK293
Tag:	C-His
Accession:	P09103 (D20-L509)
Gene ID:	18453
Molecular Weight:	57-70 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 its ability to promote aggregation of insulin in the presence of DTT. The specific activity is > 10 A ₆₅₀ /cm/min/mg.	12.7 A ₆₅₀ /cm/min/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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