



Certificate of Analysis

IGFBP-1 Protein, Rhesus Macaque (HEK293, His)

Cat. No.: HY-P74848
Batch No.: 317455
Species: Rhesus Macaque
Source: HEK293
Tag: C-His
Accession: XP_001085935 (A48-N281)
Gene ID: 696994
Molecular Weight: Approximately 30 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥98.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its binding ability in a functional ELISA. When Recombinant Rhesus IGFBP1 Protein is immobilized at 10 μg/mL (100 μL/well) can bind Biotinylated Recombinant human IGF1. The ED ₅₀ for this effect is 81.21 ng/mL.	81.21 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 (with carrier protein). 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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