



Certificate of Analysis

IGFBP-2 Protein, Rhesus Macaque (HEK293, His)

Cat. No.:	HY-P76409
Batch No.:	354957
Species:	Rhesus Macaque
Source:	HEK293
Tag:	C-6*His
Accession:	XP_001087071 (E38-Q326)
Gene ID:	696214
Molecular Weight:	Approximately 33 kDa.

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE.	≥98.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to inhibit the biological activity of IGF-I on MCF-7 human breast cancer cells. The ED ₅₀ for this effect is 0.03282 μg/mL in the presence of 14 ng/mL rh IGF-I, corresponding to a specific activity is 3.047×10 ⁴ units/mg.	0.03282 μg/mL
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 (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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