



# Certificate of Analysis

## IGFBP-6 Protein, Human (HEK293, His)

Cat. No.:	HY-P73141
Batch No.:	273819
Species:	Human
Source:	HEK293
Tag:	C-His
Accession:	P24592 (M1-G240)
Gene ID:	3489
Molecular Weight:	Approximately 36 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	96.60%
Endotoxin Level	<1 EU/μg, determined by LAL method.	<1 EU/μg
Biological Activity	Measured by its ability to inhibit the biological activity of IGFII on MCF7 human breast adenocarcinoma cells (Karey, K.P. et al. (1988) Cancer Research 48:4083.). The ED <sub>50</sub> for this effect is typically 1-5 μg/mL in the presence of 14 ng/mL human IGFII.	2.1 μg/mL
Appearance	Solution	
Concentration	1.13 mg/mL	
Reconstitution	N/A.	
Storage & Stability	Stored at -80°C. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.	
Shipping	Shipping with dry ice	

**Caution: Product has not been fully validated for medical applications. For research use only.**

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