



Certificate of Analysis

IGFBP-4 Protein, Mouse (HEK293, His)

Cat. No.:	HY-P74845
Batch No.:	273818
Species:	Mouse
Source:	HEK293
Tag:	C-His
Accession:	P47879 (M1-E254)
Gene ID:	16010
Molecular Weight:	Approximately 38 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	95.70%
Endotoxin Level	<1 EU/μg, determined by LAL method.	<1 EU/μg
Biological Activity	Measured in a serum free cell proliferation assay using MCF7 human breast adenocarcinoma cells (Karey, K.P. et al. 1988, Cancer Research 48: 4083.) . The ED ₅₀ for this effect is typically 0.1-0.6 μg/mL.	0.1 μg/mL
Concentration		0.81 mg/mL
Appearance	Solution	
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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA