



Certificate of Analysis

B2M/Beta-2 microglobulin Protein, Rat (119a.a, HEK293, His)

Cat. No.:	HY-P74402
Batch No.:	155307
Species:	Rat
Source:	HEK293
Tag:	C-His
Accession:	P07151 (M1-M119)
Gene ID:	24223
Molecular Weight:	Approximately 15 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	98.40%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to promote the proliferation of U251 human glioma cell. The ED ₅₀ for this effect is 58.88 ng/mL, corresponding to a specific activity is 1.7×10 ⁴ units/mg.	58.88 ng/mL
Appearance	Solution.	
Concentration	1.39 mg/mL	
Reconstitution	N/A.	
Storage & Stability	Stored at -80°C for 1 year. 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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