



# Certificate of Analysis

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

Cat. No.: HY-P75592  
 Batch No.: 404166  
 Species: Cynomolgus  
 Source: HEK293  
 Tag: C-His  
 Accession: Q6V7J5 (M1-M119)  
 Gene ID: 712428  
 Molecular Weight: Approximately 13 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	Immobilized Cynomolgus B2M at 2 μg/mL (100 μL/well) can bind Anti-B2M antibody. The ED <sub>50</sub> for this effect is 1.128 μg/mL.	1.128 μg/mL
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> 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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