



Certificate of Analysis

CD83 Protein, Cynomolgus (HEK293, His)

Cat. No.:	HY-P76246
Batch No.:	385045
Species:	Cynomolgus
Source:	HEK293
Tag:	C-His
Accession:	F6WX37 (T20-A143)
Gene ID:	701825
Molecular Weight:	Approximately 19&21&27 kDa.

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	≥97.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by the ability of the immobilized protein to support the adhesion of human monocyte-derived dendritic cells. When 5×10^4 cells/well are added to Cynomolgus CD83 coated plates (5 μg/mL, 100 μL/well), approximately 65.15% adhered after 30 min at 37°C.	65.15%
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ 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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