



Certificate of Analysis

CD6 Protein, Rat (HEK293, His)

Cat. No.:	HY-P72924
Batch No.:	316432
Species:	Rat
Source:	HEK293
Tag:	C-His
Accession:	Q812A4 (L18-N396)
Gene ID:	25752
Molecular Weight:	Approximately 60-90 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	≥95.0%
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 Jurkat human acute T cell leukemia cells. When 8×10^4 cells/well are added to rat CD6-His coated plates (5 μg/mL and 100 μL/well) in the presence of 10 μg/mL PHA, 72.012% cells adhered specifically after 60 minutes at 37°C.	72.012%
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O.	
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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