



Certificate of Analysis

CD6 Protein, Human (HEK293, Fc)

Cat. No.:	HY-P72922
Batch No.:	263598
Species:	Human
Source:	HEK293
Tag:	C-hFc
Accession:	P30203 (M1-E398)
Gene ID:	923
Molecular Weight:	Approximately 67.3 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 CD6-Fc coated plates (5 μg/mL and 100 μL/well) in the presence of 10 μg/ml PHA, approximately > 50% cells will adhere specifically after 60 minutes at 37°C.	74%
Appearance	Solution.	
Concentration	2.75 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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