



Certificate of Analysis

ICAM-1/CD54 Protein, Human (HEK293, Fc)

Cat. No.:	HY-P73910
Batch No.:	289221
Species:	Human
Source:	HEK293
Tag:	C-hFc
Accession:	P05362/NP_000192.2 (Q28-E480)
Gene ID:	3383
Molecular Weight:	Approximately 95-135 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 its ability of the immobilized protein to support the adhesion of Jurkat human acute T cell leukemia cells. When 5×10^4 cells/well are added to ICAM-1 coated plates (12.5 μg/mL, 100 μL/well) in the presence of 20 ng/mL PMA, approximately 79.7% will adhere after 1 hour at 37°C.	PASS
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. 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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