



Certificate of Analysis

ICAM-1/CD54 Protein, Mouse (HEK293, His)

Cat. No.:	HY-P73113
Batch No.:	241469
Species:	Mouse
Source:	HEK293
Tag:	C-His
Accession:	P13597 (Q28-N485)
Gene ID:	15894
Molecular Weight:	80-90 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	97.90%
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 PMA-stimulated HSB2 human peripheral blood acute lymphoblastic leukemia cells. When cells are added to mouse ICAM1 coated plates (12.5 μg/mL, 100 μL/well), approximately > 40% cells will adhere specifically.	64.20%
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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