



# Certificate of Analysis

## ICAM-5 Protein, Human (HEK293, His)

**Cat. No.:** HY-P74869  
**Batch No.:** 322025  
**Species:** Human  
**Source:** HEK293  
**Tag:** C-His  
**Accession:** Q9UMF0 (E32-P834)  
**Gene ID:** 7087  
**Molecular Weight:** Approximately 112 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	97.00%
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 PMA-stimulated Jurkat cells. When $5 \times 10^4$ cells/well are added to ICAM-5 coated plates (25 μg/mL, 100 μL/well) in the presence of 10 ng/mL PMA, approximately 42.83% will adhere after 2 hour at 37°C.	42.83%
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> 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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