



# Certificate of Analysis

## CEACAM8/CD66b Protein, Human (285a.a, HEK293, His)

**Cat. No.:** HY-P77629  
**Batch No.:** 213468  
**Species:** Human  
**Source:** HEK293  
**Tag:** C-His  
**Accession:** P31997 (Q35-S319)  
**Gene ID:** 1088  
**Molecular Weight:** 60-70 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by Tris-Bis PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Human CEACAM-8 immobilized on CM5 Chip can bind Human CEACAM-6 with an affinity constant of 4.59 μM as determined in SPR assay (Biacore T200).	PASS
Appearance	Lyophilized powder.	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> 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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