



Certificate of Analysis

CEACAM6 Protein, Human (HEK293, His-Avi)

Cat. No.: HY-P78397
Batch No.: 280077
Species: Human
Source: HEK293
Tag: C-Avi;C-His
Accession: P40199 (K35-G320)
Gene ID: 4680
Molecular Weight: 55-75 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, His Tag immobilized on CM5 Chip can bind Human CEACAM-6, His Tag with an affinity constant of <4.95 μM as determined in SPR assay (Biacore T200).	4.59 μM as determined in SPR assay (Biacore T200).
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. 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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