



# Certificate of Analysis

## Apolipoprotein E/APOE3 Protein, Human (Biotinylated, HEK293, His)

Cat. No.: HY-P78062  
 Batch No.: 403836  
 Species: Human  
 Source: HEK293  
 Tag: N-His  
 Accession: P02649 (K19-H317)  
 Gene ID: 348  
 Molecular Weight: 35-45 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 TREM2, hFc Tag captured on CM5 Chip via Protein A can bind Biotinylated Human APOE3, His Tag with an affinity constant of 1.47 μM as determined in SPR assay (Biacore T200).	1.47 μM
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 (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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