



Certificate of Analysis

Apolipoprotein E/APOE4 Protein, Human (C130R, HEK293, Fc, solution)

Cat. No.:	HY-P78542
Batch No.:	238996
Species:	Human
Source:	HEK293
Tag:	N-hFc
Accession:	P02649 (K19-H317, C130R)
Gene ID:	348
Molecular Weight:	63-67 kDa (Due to glycosylation)

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 APOE4,hFc Tag captured on CM5 Chip via Protein A can bind Human LILRB4, His Tag with an affinity constant of 11.87 nM as determined in SPR assay(Biacore T200).	11.87 nM
Appearance	Solution.	
Concentration	1.34 mg/mL	
Reconstitution	N/A.	
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.	
Shipping	Shipping with dry ice.	

Caution: Product has not been fully validated for medical applications. For research use only.

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