

Recombinant Human APOE4 protein, hFc-tagged

Cat. No. APOE4-2868H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human APOE protein(AAB59397.1)(Lys 19-His 317), fused with N-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	19-317 aa
Form	Lyophilized from 0.22µm filtered solution in PBS, 2mM DTT, 5mM CHAPS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Molecular Mass	The protein has a predicted MW of 61.6 kDa. Due to glycosylation, the protein migrates to 63-67 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3-6 months after reconstitution. 2-8°C for 2-7 days after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100

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µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name	APOE apolipoprotein E [Homo sapiens]
Official Symbol	APOE
Synonyms	APOE; apolipoprotein E; AD2; LPG; LDLQC5; MGC1571
Gene ID	348
mRNA Refseq	NM_000041
Protein Refseq	NP_000032
UniProt ID	P02649

Tris-Bis PAGE



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