

# Recombinant Human APOE protein, His-tagged, Low Endotoxin

**Cat. No.** APOE-1377H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                  |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human APOE protein(P02649-1)(Lys19-His317), fused with N-terminal His tag, was expressed in HEK293.                                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                            |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | 19-317 aa                                                                                                                                                                                                                        |
| <b>Form</b>             | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.                                                                                                   |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 35.3 kDa. Due to glycosylation, the protein migrates to 35-40 kDa based on Bis-Tris PAGE result.                                                                                               |
| <b>Endotoxin</b>        | Less than 0.01 EU per µg by the LAL method.                                                                                                                                                                                      |
| <b>Purity</b>           | > 95% as determined by Bis-Tris PAGE                                                                                                                                                                                             |
| <b>Storage</b>          | Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |
| <b>Reconstitution</b>   | Dissolve the lyophilized protein in distilled water.                                                                                                                                                                             |

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## GENE INFORMATION

**Gene Name** APOE apolipoprotein E [ Homo sapiens ]

**Official Symbol** APOE

**Synonyms** APOE; apolipoprotein E; AD2, Alzheimer disease 2 (APOE\*E4 associated, late onset); apo-E; apolipoprotein E3; AD2; LPG; LDLQC5; MGC1571;

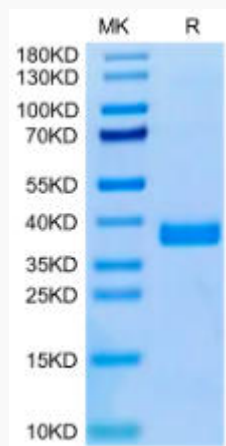
**Gene ID** 348

**mRNA Refseq** NM\_000041

**Protein Refseq** NP\_000032

**UniProt ID** P02649

**Bis-Tris PAGE**



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