

# Recombinant Human APOE protein(Lys19-His317), His&Trx-tagged

**Cat. No.** APOE-6865H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human APOE (P02649) (Lys 19-His 317) was expressed in E. coli, fused with a Trx tag at the N-terminus.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	19-317 a.a.
<b>Form</b>	Supplied as sterile PBS, 40 % glycerol, pH 7. 4.
<b>Molecular Mass</b>	The recombinant human APOE/Trx fusion protein consisting of 458 amino acids and has a calculated molecular mass of 51.3 kDa. It migrates as an approximately 46 kDa band in SDS-PAGE under reducing conditions.
<b>Purity</b>	> 75 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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](#); [LDLCQ5](#); [MGC1571](#);

**Gene ID** [348](#)

**mRNA Refseq** [NM\\_000041](#)

**Protein Refseq** [NP\\_000032](#)

**UniProt ID** [P02649](#)

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