

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

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

SPECIFICATION

Product Overview	Recombinant Human APOE (P02649) (Lys 19-His 317) was expressed in E. coli, fused with a Trx tag at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	19-317 a.a.
Form	Supplied as sterile PBS, 40 % glycerol, pH 7. 4.
Molecular Mass	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.
Purity	> 75 % as determined by SDS-PAGE
Storage	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.
Reconstitution	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; LDLQC5; MGC1571;
Gene ID	348
mRNA Refseq	NM_000041
Protein Refseq	NP_000032
UniProt ID	P02649

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