

ApoE2 recombinant protein

ApoE2 protein

CATALOG # AAA75459	HOST E.Coli
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PRODUCT SYNONYMS

ApoE2; ApoE2 protein; ApoE-2 protein; ApoE-2; Apo-E2 protein; ApoE 2 protein; ApoE 2; Apo E2 protein; Apolipoprotein E2 protein; ApoE2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.Coli
Purity/Purification	> 90% by SDS-PAGE gel and HPLC Analyses
Concentration	500 ug per vial; Lyophilized (varies by lot)
Sequence	MKVEQAVETE PEPELRQQT E WQSGQRWELA LGRFWDYLRW VQTLSEQVQE ELLSSQVTQE LRALMDETMK ELKAYKSELE EQLTPVAEET RARLSKELQA AQARLGADME DVCGRVQYR GEVQAMLGQS TEELRVRLAS HLRKLRLKRL RDADDLQKCL AVYQAGAREG AERGLSAIRE RLGP
Sequence Length	276
Endotoxin Levels	Endotoxin level is less than 0.1 ng per ug (1 EU/ug).
Form	Lyophilized from 20mM Sodium Phosphate, pH 7.8, 0.5mM DTT. Centrifuge vial prior to opening. Reconstitute in 20mM Sodium Phosphate pH 7.8, and 0.5mM DTT to a concentration of 0.1-1.0mg/ml. Do not vortex.
Species	Human
Grade	Recombinant human protein
Biological Significance	ApoE exists in three major isoforms; E2, E3, and E4, which differ from one another by a single amino-acid substitution. Compared with E3 and E4, E2 exhibits the lowest receptor binding affinity. Defects in ApoE are a cause of hyperlipoproteinemia type III due to increased plasma cholesterol and triglycerides levels which are the consequence of impaired clearance of chylomicron and VLDL remnants.
Preparation and Storage	Ships on blue ice. Upon receipt store at 4°C short term, or -20°C to -80°C long term. Reconstituted protein is stable at 4°C for up to 1 week. For extended storage, dilute in a buffer containing a carrier protein and store at -20°C. Avoid repeat freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for ApoE2 recombinant protein	Purified recombinant Human ApoE2 protein
Product Categories/Family for ApoE2 recombinant protein	Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	118344642
NCBI GeneID	778015
NCBI Accession #	NP_001072103.1

NCBI GenBank Nucleotide #	NM_001078635.1
Molecular Weight	34.3 kDa
NCBI Official Full Name	apolipoprotein E2
NCBI Official Symbol	apoe2
NCBI Protein Information	apolipoprotein E2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/apoe2-recombinant-protein-e-coli/75459>