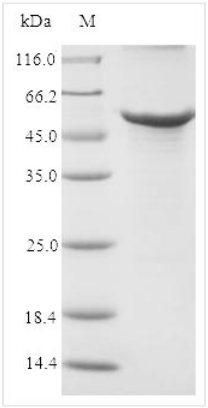
Apolipoprotein E (APOE) Rabbit Recombinant Protein

PRODUCT OVERVIEW

Product Name	Apolipoprotein E (APOE), Recombinant Protein
Full Product Name	Recombinant Rabbit Apolipoprotein E (APOE), partial
Product Gene Name	APOE recombinant protein
Product Synonym Gene Name	APOE
Sequence	TEQEVEVPEQ ARWKAGQPWE LALGRFWDYL RWVQSLSDQV QEELLSSQVT QELTMLMEET MKEVKAYKSE LEEQLSPMAQ EHRARLSKEL QVAGALEADM EDVCNRLAQY RGEAQAMLGQ STEELARAFS SHLRKLRKRL LRDAEDLQKR MAVYGAGARE GAERGVSAVR ERLGSRLERG RLRVATVGTL AGRPLRERAQ AWGERLRGHL EEVGSRARDR LNEVREQVEE VRVKVEEQAP QMRLQAEAFQ ARLKSWFEPL VEDMQRQWAG LVEKLQAAMP SKAPAAAPIE NQ
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	50.6 kDa
Sequence Positions	20-311aa; Partial
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for P18287
Species	Oryctolagus cuniculus (Rabbit)
Production Note	**Special Offer:** The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Colihost-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our **technical support team** **or email to** **support@mybiosource.com** for more details.
Product Categories/Family for APOE recombinant protein	Cardiovascular
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for APOE recombinant protein	Mediates the binding, internalization, and catabolism of lipoprotein particles. It can serve as a ligand for the LDL (apo B/E) receptor and for the specific apo-E receptor (chylomicron remnant) of hepatic tissues.
Product References and Citations for APOE recombinant protein	"Isolation and characterization of a full-length rabbit apolipoprotein E cDNA." Hao Q.L., Yamin T.T., Pan T.C., Chen S.L., Chen B.S., Kroon P.A., Chao Y.S. Atherosclerosis 66:125-130(1987)

Other Notes	Small volumes of APOE recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for APOE purchase	MBS7053697 is a recombinant protein targeting APOE. Also known as Recombinant Rabbit Apolipoprotein E (APOE), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.



SDS-Page of APOE recombinant protein

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for APOE. It may not necessarily be applicable to this product.

NCBI GI #	130488075
NCBI GeneID	100009337
NCBI Accession #	NP_001076112.1
UniProt Primary Accession #	P18287
UniProt Related Accession #	P18287
GenBank Nucleotide #	NM_001082643.1
NCBI Official Full Name	apolipoprotein E
NCBI Official Symbol	APOE
UniProt Protein Name	Apolipoprotein E
Protein Family	Apolipoprotein
UniProt Gene Name	APOE
UniProt Synonym Gene Names	Apo-E
NCBI Protein Information	apolipoprotein E
Research Articles on APOE	**1.** we report the efficient creation of an APOE knockout rabbit by using zinc finger nucleases. The knockout rabbits had drastically elevated cholesterol and moderately increased triglyceride levels, mimicking symptoms in human heart disease.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.

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