

Apolipoprotein E (ApoE) Recombinant Protein | Apoe recombinant protein

Recombinant Mouse Apolipoprotein E (ApoE)

CATALOG # AAA18449	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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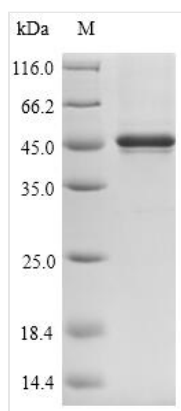
PRODUCT SYNONYMS

Apolipoprotein E (ApoE); Recombinant Mouse Apolipoprotein E (ApoE); Apoe recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	19-311aa; Full Length of Mature Protein
Sequence	EGEPEVTDQL EWQSNQPWEQ ALNRFWDYLR WVQTLSDQVQ EELQSSQVTQ ELTALMEDTM TEVKAYKKEL EEQLGPVAEE TRARLGKEVQ AAQARLGADM EDLRNRLGQY RNEVHTMLGQ STEEIRARLS THLRKMRKRL MRDAEDLQKR LAVYKAGARE GAERGVS AIR ERLGPLVEQG RQRTANLGAG AAQPLRDRAQ AFGDRIRGRL EEVGNQARDR LEEVREHMEE VRSKMEEQTQ QIRLQAEIFQ ARLKGWFPEI VEDMHRQWAN LMEKIQASVA TNPIITPVAQ ENQ
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

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.
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References	Structure and expression of mouse apolipoprotein E gene.Horiuchi K., Tajima S., Menju M., Yamamoto A.J. Biochem. 106:98-103(1989) Evolution of apolipoprotein E mouse sequence and evidence for an 11-nucleotide ancestral unit.Rajavashisth T.B., Kaptein J.S., Reue K.L., Lusi A.J.Proc. Natl. Acad. Sci. U.S.A. 82:8085-8089(1985) Neuropathological changes in scrapie and Alzheimer's disease are associated with increased expression of apolipoprotein E and cathepsin D in astrocytes.Diedrich J.F., Minnigan M., Carp R.I., Whitaker J.N., Race R., Frey W. II, Haase A.T.J. Virol. 65:4759-4768(1991) Mass spectral analysis of the apolipoproteins on mouse high density lipoproteins. Detection of post-translational modifications.Puppione D.L., Yam L.M., Bassilian S., Souda P., Castellani L.W., Schumaker V.N., Whitelegge J.P.Biochim. Biophys. Acta 1764:1363-1371(2006) Lubec G., Kang S.U.Submitted (APR-2007) to UniProtKB CD36 ligands promote sterile inflammation through assembly of a Toll-like receptor 4 and 6 heterodimer.Stewart C.R., Stuart L.M., Wilkinson K., van Gils J.M., Deng J., Halle A., Rayner K.J., Boyer L., Zhong R., Frazier W.A., Lacy-Hulbert A., El Khoury J., Golenbock D.T., Moore K.J.Nat. Immunol. 11:155-161(2010)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	802084029
NCBI GeneID	11816
NCBI Accession #	NP_001292748.1
NCBI GenBank Nucleotide #	NM_001305819.1
UniProt Accession #	P08226
Molecular Weight	37.9
NCBI Official Full Name	apolipoprotein E
NCBI Official Synonym Full Names	apolipoprotein E
NCBI Official Symbol	Apoe
NCBI Official Synonym Symbols	Apo-E; AI255918
NCBI Protein Information	apolipoprotein E
UniProt Protein Name	Apolipoprotein E
UniProt Gene Name	Apoe
UniProt Synonym Gene Names	Apo-E
UniProt Entry Name	APOE_MOUSE

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.