

Apolipoprotein E3 Active Protein | APOE3 active protein

Recombinant Human Apolipoprotein E3

CATALOG #
AAA37992

HOST
E Coli

PRODUCT SYNONYMS

Apolipoprotein E3; Recombinant Human Apolipoprotein E3; APOE3 Human; Apolipoprotein E3 Human Recombinant; Apolipoprotein E; LDLCQ5; APO-E; LPG; AD2; Alzheimer Disease 2 (APOE*E4-Associated; Late Onset); APOE; APOE3 active protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95% as determined by SDS-PAGE.
Form/Format	(1.99mg/mL) sterile filtered solution supplied in 10mM MOPS, 50mM NaCl, 0.2% (w/v) CHAPS and 1mM TCEP, PH7.5
Sequence	MHHHHHHKVE QAVETEPEPE LRQQTWQSG QRWELALGRF WDYLRWVQTL SEQVQEELLS SQVTQELRAL MDETMKELKA YKSELEEQLT PVAEETRARL SKELQAAQAR LGADMEDVCG RLVQYRGEVQ AMLGQSTEEL RVRLASHLRK LRKRLLRDAD DLQKRLAVYQ AGAREGAERG LSAIRERLGP LVEQGRVRAA TVGSLAGQPL QERAQAWGER LRARMEEMGS RTRDRLDEVK EQVAEVRACL EEQAQQIRLQ AEAFAQRLKS WFEPLVEDMQ RQWAGLVEKV QAAVGTSAAP VPSDNH
Sequence Length	317
Biological Activity	Immobilized rHuApoE3 binds to rMuVLDLR with EC50 less than 0.4 ug/ml.
Physical Appearance	Sterile Filtered clear solution
Solubility	It is recommended to reconstitute the lyophilized APOE in sterile 18M-cm H2O not less than 100 ug/ml, which can then be further diluted to other aqueous solutions.
Preparation and Storage	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid freeze/thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for APOE3 active protein	Description: APOE3 Human Recombinant (19-317) produced in E Coli is a single, non-glycosylated, polypeptide chain containing 306 amino acids and having a molecular mass of 35kDa. The APOE is fused to a 7 amino acid His tag [M-HHHHHH] at N-terminus and purified by proprietary chromatographic techniques.
Product Categories/Family for APOE3 active protein	Cytokines and Growth Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557325
NCBI GeneID	348
NCBI Accession #	NP_000032.1
NCBI GenBank Nucleotide #	NM_000041.3

UniProt Accession #	P02649 ; Q9P2S4 ; B2RC15 ; C0JYY5
NCBI Official Full Name	apolipoprotein E isoform b
NCBI Official Synonym Full Names	apolipoprotein E
NCBI Official Symbol	APOE
NCBI Official Synonym Symbols	AD2; LPG; APO-E; LDLCQ5
NCBI Protein Information	apolipoprotein E
UniProt Protein Name	Apolipoprotein E
UniProt Gene Name	APOE
UniProt Synonym Gene Names	Apo-E
UniProt Entry Name	APOE_HUMAN

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://www.aaabiotech.com/e-coli-apoe3-active-protein/apolipoprotein-e3/37992>