

Datasheet for ABIN935204 **ApoE2 Protein**



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Overview

Quantity:	500 µg
Target:	ApoE2 (apoe2)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Sequence: MKVEQAVETE PEPELRQOTE WQSGQRWELA LGRFWDYLRW VQTLSEQVQE ELLSSQVTQE
LRALMDETMK ELKAYKSELE EQLTPVAEET RARLSKELQA AQARLGADME DVCGRVQYR
GEVQAMLGQS TEELRVRLAS HLRKLRKRLR RDADDLQKCL AVYQAGAREG AERGLSAIRE
RLGPLVEQGR VRAATVGS LA GQPLQERAQA WGERLRARME EMGSRTDRDL DEVKEQVAEV
RAKLEEQAQQ IRLQAEAFQA RLKSWFEPLV EDMQRQWAGL VEKVQAAVGT SAAPVPSDNH

Characteristics: Purified recombinant Human ApoE2 protein
Expression System: E.coli

Purity: > 90 % pure

Endotoxin Level: < 0.1 ng per µg (1 EU/µg).

Target Details

Target: ApoE2 (apoe2)

Alternative Name: ApoE2 ([apoe2 Products](#))

Background: ApoE exists in three major isoforms, E2, E3, and E4, which differ from one another by a single

Target Details

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.

Alternative Names: ApoE-2 protein, ApoE-2, Apo-E2 protein, ApoE 2 protein, ApoE 2, ApoE2, Apo E2 protein, Apolipoprotein E2 protein

Molecular Weight: 34.3 kDa

Application Details

Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from 20 mM Na₃PO₄, pH 7.8, with 0.0 mM DTT.

Preservative: Dithiothreitol (DTT)

Precaution of Use: This product contains Dithiothreitol: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C until reconstitution. Following reconstitution aliquot and freeze at -20 °C for long term storage.