

Apolipoprotein C-III (Apoc3) Recombinant Protein | Apoc3 recombinant protein

Recombinant Mouse Apolipoprotein C-III (Apoc3)

CATALOG # AAA18490	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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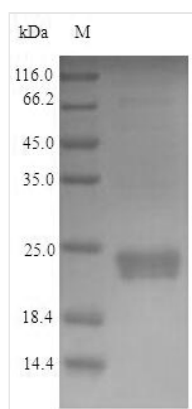
PRODUCT SYNONYMS

Apolipoprotein C-III (Apoc3); Recombinant Mouse Apolipoprotein C-III (Apoc3); Apolipoprotein C3; Apoc3 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	21-99aa; Full Length of Mature Protein
Sequence	EEVEGSLLLG SVQGYMEQAS KTVQDALSSV QESDIAVVAR GWMDNHFRL KGYWSKFTDK FTGFWDNPE DQPTPAIES
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 Apoc3 recombinant protein	Component of triglyceride-rich very low density lipoproteins (VLDL) and high density lipoproteins (HDL) in plasma. Plays a multifaceted role in triglyceride homeostasis. Intracellularly, promotes hepatic very low density lipoprotein 1 (VLDL1) assembly and secretion; extracellularly, attenuates hydrolysis and clearance of triglyceride-rich lipoproteins (TRLs). Impairs the lipolysis of TRLs by inhibiting lipoprotein lipase and the hepatic uptake of TRLs by remnant receptors.
References	Characterization of the mouse apolipoprotein ApoA-1/Apoc-3 gene locus genomic, mRNA, and protein sequences with comparisons to other species.Januzzi J.L., Azrolan N., O'Connell A., Aalto-Setälä K., Breslow J.L.Genomics 14:1081-1088(1992) 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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	577019554
NCBI GeneID	11814
NCBI Accession #	NP_001276685.1
NCBI GenBank Nucleotide #	NM_001289756.1
UniProt Accession #	P33622; Q8VC58; Q9CPP9
Molecular Weight	24.9 kDa
NCBI Official Full Name	apolipoprotein C-III isoform b
NCBI Official Synonym Full Names	apolipoprotein C-III
NCBI Official Symbol	Apoc3
NCBI Official Synonym Symbols	apo-CIII; apoC-III
NCBI Protein Information	apolipoprotein C-III
UniProt Protein Name	Apolipoprotein C-III
UniProt Gene Name	Apoc3
UniProt Synonym Gene Names	Apo-CIII; ApoC-III
UniProt Entry Name	APOC3_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.

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Online datasheet: <https://www.aaabiotech.com/apoc3-recombinant-protein-e-coli/18490>