

Apolipoprotein C-I (Apoc1) Recombinant Protein | Apoc1 recombinant protein

Recombinant Mouse Apolipoprotein C-I (Apoc1)

CATALOG # AAA235630	HOST In Vitro E Coli Expression System
-------------------------------	--

PRODUCT SYNONYMS

Apolipoprotein C-I (Apoc1); Recombinant Mouse Apolipoprotein C-I (Apoc1); Apolipoprotein C1; Apoc1 recombinant protein

PRODUCT SPECIFICATIONS

Host	In Vitro E Coli Expression System
Specificity	Adult and fetal liver.
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Tris-Based Buffer, 50% Glycerol
Sequence Positions	27-88aa; Full Length of Mature Protein
Sequence	APDLSGTLES IPDKLKEFGN TLEDKARAAI EHIKQKEILT KTRAWFSEAF GKVKEKLKTT FS
Species	Mouse
Tag	N-terminal 10xHis-tagged
Subcellular Location	Secreted
Protein Families	Apolipoprotein C1 family
Production Note	Special Offer: The Cell Free host-expressed protein is manufactured from a stock plasmid containing the protein gene. Cell Freehost-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 Cell Free 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 Cell Free host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 degree C/-80 degree C. The shelf life of lyophilized form is 12 months at -20 degree C/-80 degree C. Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.

ADDITIONAL INFORMATION

Related Product Information for Apoc1 recombinant protein	Inhibitor of lipoprotein binding to the low density lipoprotein (LDL) receptor, LDL receptor-related protein, and very low density lipoprotein (VLDL) receptor. Associates with high density lipoproteins (HDL) and the triacylglycerol-rich lipoproteins in the plasma and makes up about 10% of the protein of the VLDL and 2% of that of HDL. Appears to interfere directly with fatty acid uptake and is also the major plasma inhibitor of cholesteryl ester transfer protein (CETP). Modulates the interaction of APOE with beta-migrating VLDL and inhibits binding of beta-VLDL to the LDL receptor-related protein (By similarity). Binds free fatty acids and reduces their intracellular esterification.
Product Categories/Family for Apoc1 recombinant protein	Cardiovascular
References	"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 #	158517825
NCBI GeneID	11812
NCBI Accession #	NP_001103479.1
NCBI GenBank Nucleotide #	NM_001110009.2
UniProt Accession #	P34928
Molecular Weight	12.5 kDa
NCBI Official Full Name	apolipoprotein C-I
NCBI Official Synonym Full Names	apolipoprotein C-I
NCBI Official Symbol	Apoc1
NCBI Official Synonym Symbols	apo-CI; apoC-I; Apo-CIB; ApoC-IB
NCBI Protein Information	apolipoprotein C-I
UniProt Protein Name	Apolipoprotein C-I
UniProt Gene Name	Apoc1
UniProt Synonym Gene Names	Apoc1b; Apo-CIB; ApoC-IB; Apo-CIB'; ApoC-IB'
UniProt Entry Name	APOC1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/apoc1-recombinant-protein-in-vitro-e-coli-expression-system/235630>