

Apolipoprotein A-I (APOA1) Recombinant Protein | APOA1 recombinant protein

Recombinant Bovine Apolipoprotein A-I (APOA1)

CATALOG #
AAA113227

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Apolipoprotein A-I (APOA1); Recombinant Bovine Apolipoprotein A-I (APOA1); APOA1 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	25-265. Partial, provide the Apolipoprotein A-I chain
Sequence	DDPQSSWDRV KDFATVYVEA IKDSGRDYVA QFEASALGKQ LNLKLLDNWD TLASTLSKVR EQLGPVTQEF WDNLEKETAS LRQEMHKDLE EVKQKVQPYL DEFQKKWHEE VEIYRQKVAP LGEEFREGAR QKVQELQDKL SPLAQELRDR ARAHVETLRQ QLAPYSDDL RQLTARLEAL KEGGGS LAEY HAKASEQLKA LGEKAKPVLE DLRQG LLPVL ESLKVSILAA IDEASKKLNA Q
Sequence Length	265
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for APOA1 recombinant protein

This gene encodes apolipoprotein A-I, which is the major protein component of high density lipoprotein (HDL) in plasma. The protein promotes cholesterol efflux from tissues to the liver for excretion, and it is a cofactor for lecithin cholesterolacyltransferase (LCAT) which is responsible for the formation of most plasma cholesteryl esters. This gene is closely linked with two other apolipoprotein genes on chromosome 11. Defects in this gene are associated with HDL deficiencies, including Tangier disease, and with systemic non-neuropathic amyloidosis.

NCBI AND UNIPROT INFORMATION

NCBI GI #	75832056
NCBI GeneID	281631
NCBI Accession #	NP_776667.2
NCBI GenBank Nucleotide #	NM_174242.3
UniProt Accession #	P15497; Q3SZD9; A5D7M9
Molecular Weight	41.5
NCBI Official Full Name	apolipoprotein A-I preproprotein
NCBI Official Synonym Full Names	apolipoprotein A1
NCBI Official Symbol	APOA1
NCBI Protein Information	apolipoprotein A-I
UniProt Protein Name	Apolipoprotein A-I
UniProt Gene Name	APOA1
UniProt Synonym Gene Names	Apo-AI; ApoA-I; ProapoA-I

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/apoa1-recombinant-protein-e-coli/113227>