Apolipoprotein A-I (apoa1) Salmo Salar Recombinant Protein

PRODUCT OVERVIEW

Product Name	Apolipoprotein A-I (apoa1), Recombinant Protein
Full Product Name	Recombinant Salmo salar Apolipoprotein A-I (apoa1)
Product Gene Name	apoa1 recombinant protein
Sequence	VKAALNMYIA QVKLTAQRSI DLLDDTEYKE YKMQLSQSLD NLQQFADSTS KSWPPTPRSS APSCDATATV RAEVMKDVED VRTQLEPKRA ELTEVLNKHI DEYRKKLEPL IKQHIELRRT EMDAFRAKID PVVEEMRAKV AVNVEETKTK LMPIVEIVRA KLTERLEELR TLAAPYAEEY KEQMFKAVGE VREKVAPLSE DFKARWAPPP RRPSKSSWLS TRPSARP
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
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.
Molecular Weight	29,448 Da
Sequence Positions	32-258, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for P27007
Species	Salmo salar (Atlantic salmon)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for apoa1 recombinant protein	MBS1263915 is a recombinant protein targeting apoa1. Also known as Recombinant Salmo salar Apolipoprotein A-I (apoa1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of apoa1 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for apoa1. It may not necessarily be applicable to this product.

NCBI GI #	185132488
NCBI GeneID	100136573
NCBI Accession #	NP_001117135.1
UniProt Primary Accession #	P27007
UniProt Related Accession #	P27007
GenBank Nucleotide #	NM_001123663.1

NCBI Official Full Name	apolipoprotein A-I
NCBI Official Symbol	LOC100136573
NCBI Official Synonym Symbols	APA11; apoa1
UniProt Protein Name	Apolipoprotein A-I
UniProt Synonym Protein Names	Apolipoprotein A1
Protein Family	Apolipoprotein
UniProt Gene Name	apoa1
UniProt Synonym Gene Names	Apo-AI; ApoA-I; ProapoA-I
NCBI Protein Information	apolipoprotein A-I
UniProt Comments for apoa1	Participates in the reverse transport of cholesterol from tissues to the liver for excretion by promoting cholesterol efflux from tissues and by acting as a cofactor for the lecithin cholesterol acyltransferase (LCAT).
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