

Apolipoprotein A-IV Recombinant Protein | APOA4 recombinant protein

Recombinant Human Apolipoprotein A-IV Protein

CATALOG #
AAA174581

HOST
Human Cells

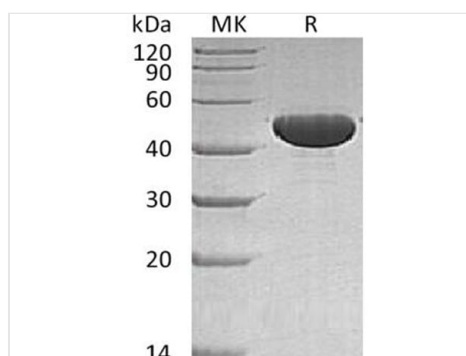
PRODUCT SYNONYMS

Apolipoprotein A-IV; Recombinant Human Apolipoprotein A-IV Protein; Apo-AIV; ApoA-IV; Apolipoprotein A4; APOA4; APOA4 recombinant protein

PRODUCT SPECIFICATIONS

Host	Human Cells
Purity/Purification	>95% as determined by reducing SDS-PAGE.
Form/Format	Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.4
Sequence Length	396
Species	Human
Endotoxin	<1.0 EU per ug as determined by LAL test.
Sequence	Glu21-Ser396
Fusion Tag	C-6His
Reconstitution	We recommend centrifuging the vial before opening to bring the contents to the bottom. Do not mix by vortex. It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/mL. Concentration is measured by UV-Vis
Preparation and Storage	Lyophilized proteins are stable for up to 12 months when stored at -20 degree C to -80 degree C. Reconstitution protein solution can be stored at 4-8 degree C for 2-7 days. Aliquots of reconstituted samples are stable at < -20 degree C for 3 months

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for APOA4 recombinant protein	Protein Construction: Recombinant Human Apolipoprotein A-IV is produced by our Mammalian expression system and the target gene encoding Glu21-Ser396 is expressed with a 6His tag at the C-terminus. Background: Apolipoprotein A4 (APOA4) is a secreted protein that belongs to the apolipoprotein A1/A4/E family. ApoA-IV is a major component of HDL and chylomicrons. APOA4 is secreted into circulation on the surface of newly synthesized chylomicron particles. APOA4 play a role in the regulation of appetite and satiety in rodent models. APOA4 involved in chylomicrons and VLDL secretion and catabolism and required for efficient activation of lipoprotein lipase by ApoC-II. In addition, APOA4 is a potent activator of lecithin-cholesterol acyltransferase in vitro.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	93163358
NCBI GeneID	337
UniProt Accession #	P06727; Q14CW8; Q6Q787; A8MSL6
Molecular Weight	Calculated MW: 44.4 kDa Observed MW: 46 kDa
NCBI Official Full Name	Apolipoprotein A-IV
NCBI Official Synonym Full Names	apolipoprotein A4
NCBI Official Symbol	APOA4
NCBI Protein Information	apolipoprotein A-IV
UniProt Protein Name	Apolipoprotein A-IV
UniProt Gene Name	APOA4
UniProt Synonym Gene Names	Apo-AIV; ApoA-IV

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.