

Apolipoprotein A-IV Recombinant Protein | ApoA4 recombinant protein

Recombinant Mouse Apolipoprotein A-IV

CATALOG # AAA113564	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
-------------------------------	---

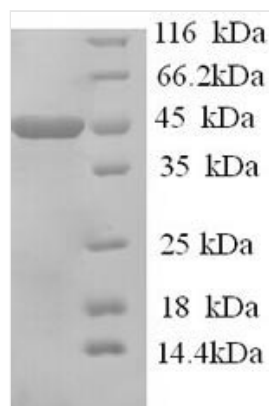
PRODUCT SYNONYMS

Apolipoprotein A-IV; Recombinant Mouse Apolipoprotein A-IV; Apolipoprotein A4; ApoA4 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	21-395aa; Full Length of Mature Protein
Sequence	EVTSQVANV VWDYFTQLSN NAKEAVEQFQ KTDVTQQLST LFQDKLG DAS TYADGVHNKL VPFVVQLSGH LAQETERVKE EIKKELEDLR DRMMPHANKV TQTFGENMQK LQHLKPYAV DLQDQINTQT QEMKLQLTPY IQRMQTTIKE NVDNLHTSMM PLATNLKDKF NRNMEELKGH LTPRANELKA TIDQNLEDLR RSLAPLTVGV QEKLNHQMEG LAFQMKKNAE ELQTKVSAKI DQLQKNLAPL VEDVQSKVKG NTEGLQKSLE DLNRQLEQQV EEFRTVEPM GEMFNKALVQ QLEQFRQQLG PNSGEVESHL SFLEKSLREK VNSFMSTLEK KGSPDQPQAL PLPEQAQEQA QEQAQEQVQP KPLES
Sequence Length	395
Production Note	Special Offer: The Yeast host-expressed protein is manufactured from a stock plasmid containing the protein gene. Yeast host-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 Yeast 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 Yeast host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
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 ApoA4 recombinant protein	May have a role in chylomicrons and VLDL secretion and catabolism. Required for efficient activation of lipoprotein lipase by ApoC-II; potent activator of LCAT. ApoA-IV is a major component of HDL and chylomicrons.
References	Mouse apolipoprotein A-IV gene nucleotide sequence and induction by a high-lipid diet.Williams S.C., Bruckheimer S.M., Lusis A.J., LeBoeuf R.C., Kinniburgh A.J.Mol. Cell. Biol. 6:3807-3814(1986) Kinniburgh A.J.Genetic variation in mouse apolipoprotein A-IV due to insertion and deletion in a region of tandem repeats.Reue K., Leete T.H.J. Biol. Chem. 266:12715-12721(1991) Mural R.J., Adams M.D., Myers E.W., Smith H.O., Venter J.C. 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 #	110347473
NCBI GeneID	11808
NCBI Accession #	NP_031494.2
NCBI GenBank Nucleotide #	NM_007468.2
UniProt Accession #	P06728; Q91XF8
Molecular Weight	45 kDa
NCBI Official Full Name	apolipoprotein A-IV
NCBI Official Synonym Full Names	apolipoprotein A-IV
NCBI Official Symbol	ApoA4
NCBI Official Synonym Symbols	ApoA-4
NCBI Protein Information	apolipoprotein A-IV
UniProt Protein Name	Apolipoprotein A-IV
UniProt Gene Name	ApoA4
UniProt Synonym Gene Names	Apo-AIV; ApoA-IV
UniProt Entry Name	APOA4_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.