

Apolipoprotein A-V Recombinant Protein | ApoA5 recombinant protein

Recombinant Rat Apolipoprotein A-V

CATALOG #
AAA117353

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

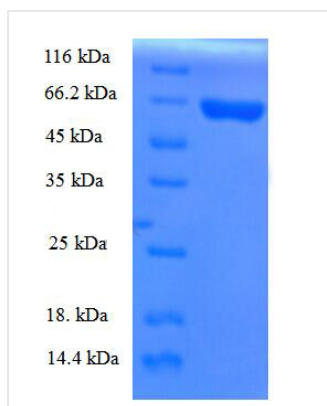
PRODUCT SYNONYMS

Apolipoprotein A-V; Recombinant Rat Apolipoprotein A-V; Apolipoprotein A5; Regeneration-associated protein 3; ApoA5 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	21-367aa; Partial of Isoform 3
Sequence	RKSFWEYFGQ NSQKGKMMGQ QQKLAQESLK GSLEQDLYNM NNFLEKLGPL REPGKEPPRL AQDPEGIRKQ LQQELEEVSST RLEPYMAAKH QQVGWNLEGL RQQLKPYTVE LMEQVGLSVQ DLQEQLRMVG KGTKAQLLGG VDEAMSLLDQ MQSRVLHHTD RVKELFHPYA ERLVTGIGHH VQELHRSVAP HAVASPARLS RCVQTLSHKL TRKAKDLHTS IQRNLDQLRD ELSTFIRVST DGADNRDSLQ PQALSDEVQR RLQAFRHDTY LQIAAFTQAI DQETEEIQHQ LAPPPPSHSA FAPELGHSDS NKALSRLQSR LDDLWEDIAY GLHDQGHSON NPEGHSG
Sequence Length	367
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 ApoA5 recombinant protein

Minor apolipoprotein mainly associated with HDL and to a lesser extent with VLDL. May also be associated with chylomicrons. Important determinant of plasma triglyceride (TG) levels by both being a potent stimulator of apo-CII lipoprotein lipase (LPL) TG hydrolysis and a inhibitor of the hepatic VLDL-TG production rate (without affecting the VLDL-apoB production rate). Activates poorly lecithin:cholesterol acyltransferase (LCAT) and does not enhance efflux of cholesterol from macrophages.

References	Apolipoprotein A-V. A novel apolipoprotein associated with an early phase of liver regeneration.van Der Vliet H.N., Sammels M.G., Leegwater A.C.J., Levels J.H.M., Reitsma P.H., Boers W., Chamuleau R.A.F.M.J. Biol. Chem. 276:44512-44520(2001)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	471270246
NCBI GeneID	140638
NCBI Accession #	NP_001264193.1
NCBI GenBank Nucleotide #	NM_001277264.1
UniProt Accession #	Q9QUH3; Q5FVT8
Molecular Weight	66.4 kDa
NCBI Official Full Name	apolipoprotein A-V
NCBI Official Synonym Full Names	apolipoprotein A-V
NCBI Official Symbol	Apoa5
NCBI Official Synonym Symbols	apo-AV; apoA-V
NCBI Protein Information	apolipoprotein A-V
UniProt Protein Name	Apolipoprotein A-V
UniProt Gene Name	Apoa5
UniProt Synonym Gene Names	Rap3; Apo-AV; ApoA-V
UniProt Entry Name	APOA5_RAT

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/apoa5-recombinant-protein-e-coli/117353>