

Apolipoprotein A5 (APOA5) Recombinant Protein | APOA5 recombinant protein

Recombinant Apolipoprotein A5 (APOA5)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA134637	E Coli	Rattus norvegicus (Rat)	Immunoprecipitation, ELISA, Western Blot, SDS-Page

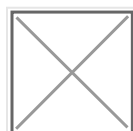
PRODUCT SYNONYMS

Apolipoprotein A5 (APOA5); Recombinant Apolipoprotein A5 (APOA5); APOA5 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	Rattus norvegicus (Rat)
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in 20mM Tris, 500mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Sequence	Thetargetp roteinisfu sedwithN-t erminalHis -Tag,itsse quenceisli stedbelow. MGHHHH HHSGSEF-QD MQSRVLHHTD RVKELFHPYA ERLVTGIGHH VQELHRSVAP HAVASPARLS RCVQTLSHKL TRKAKDLHTS IQRNLDQLRD ELSTFIRVST DGADNRDSL D PQALSDEV RQ RLQAFRHDTY LQIAAFTQAI DQETEEIQHQ LAPP PPSHSA FAPELGHS DS NKALSRLQSR LDDLWEDIA Y GLHDQGH SQN NPEGHSG
Sequence Length	367
Applicable Applications for APOA5 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Expression System	Prokaryotic expression
Residues	Gln169~Gly367 (Accession # Q9QUH3) with N-terminal His-Tag
Predicted isoelectric point	6.2
Accurate Molecular Mass	27kDa as determined by SDS-PAGE reducing conditions.
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in ddH ₂ O.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE

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	24.0kDa
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; apolipoprotein A5; regeneration-associated protein 3
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://stage.aaabiotech.com/apoa5-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134637>