

Datasheet for ABIN1615294  
**APOA5 Protein (AA 21-367) (His tag)**



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1 Image

Overview

Quantity:	1 mg
Target:	APOA5
Protein Characteristics:	AA 21-367
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This APOA5 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	RKSFWEYFGQ NSQKGMMGQ QKLAQESLK GSLEQDLYNM NNFLEKLGPL REPGKEPPRL AQDPEGIRKQ LQQELEEVS T RLEPYMAAKH QQVGNWLEGL RQQLKPYTVE LMEQVGLSVQ DLQEQLRMVG KGTKAQLLGG VDEAMSLLD MQRVHLHHTD RVKELFHPYA ERLVTGIGHH VQELHRSVAP HAVASPARLS RCVQTLSHKL TRKAKDLHTS IQRNLDQLRD ELSTFIRVST DGADNRDSL D PQALSDEV RQ RLQAFRHDTY LQIAAFTQAI DQETEEIQHQ LAPPPPSHSA FAPELGHSDS NKALSRLQSR LDDLWEDIAY GLHDQGH SQN NPEGHSG
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

## Target Details

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Target: APOA5

Abstract: [APOA5 Products](#)

Background: Recommended name: Apolipoprotein A-V.  
Short name= Apo-AV.  
Short name= ApoA-V.  
Alternative name(s): Apolipoprotein A5 Regeneration-associated protein 3

UniProt: [Q9QUH3](#)

Pathways: [Regulation of Lipid Metabolism by PPARalpha](#), [Lipid Metabolism](#)

## Application Details

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Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

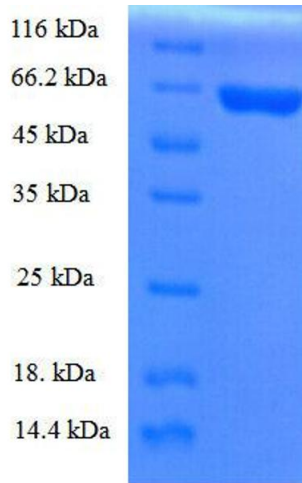
Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Storage: -20 °C

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.



### SDS-PAGE

**Image 1.** Apolipoprotein A-V (APOA5) (AA 21-367) protein (His tag) expressed in E. coli