

Datasheet for ABIN5853437

**APOA5 Protein (AA 24-366) (His tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	50 µg
Target:	APOA5
Protein Characteristics:	AA 24-366
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This APOA5 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

## Product Details

Sequence:	MGSSHHHHHH SSSLVPRGSH MGSRKGFWDY FSQTS GDKGR VEQIHQQKMA REPATLKDSL EQDLNNMNKF LEKLRPLSGS EAPRLPQDPV GMRRQLQEEL EEVKARLQPY MAEAHELVGW NLEGLRQQLK PYTMDLMEQV ALRVQELQE Q LRVVGEDTKA QLLGGVDEAW ALLQGLQSRV VHHTGRFKEL FHPYAESLVS GIGRHVQELH RSVAPHAPAS PARLSRCVQV LSRKLT LKAK ALHARIQQNL DQLREELSRA FAGTGTEEGA GPDPQMLSEE VRQLQAFRQ DTYLQIAAFT RAIDQETEEV QQQLAPPPPG HSAFAPEFQQ TDSGKVL SKL QARLDDLWED ITHSLHDQGH SHLGDP
Purity:	> 85 % by SDS - PAGE

## Target Details

Target:	APOA5
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## Target Details

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Alternative Name:	APOA5 ( <a href="#">APOA5 Products</a> )
Background:	<p>APOA5 is an apolipoprotein that plays an important role in regulating the plasma triglyceride levels, a major risk factor for coronary artery disease. It is a component of high density lipoprotein and is highly similar to a rat protein that is upregulated in response to liver injury. Mutations in this gene have been associated with hypertriglyceridemia and hyperlipoproteinemia type 5. This gene is located proximal to the apolipoprotein gene cluster on chromosome 11q23. Alternatively spliced transcript variants encoding the same protein have been identified. Recombinant human APOA5 protein, fused to His-tag at N-terminus, was expressed in E.coli .</p>
Molecular Weight:	41.3kDa (366aa)
NCBI Accession:	<a href="#">NP_443200</a>
UniProt:	<a href="#">Q6Q788</a>
Pathways:	<a href="#">Regulation of Lipid Metabolism by PPARalpha</a> , <a href="#">Lipid Metabolism</a>

## Application Details

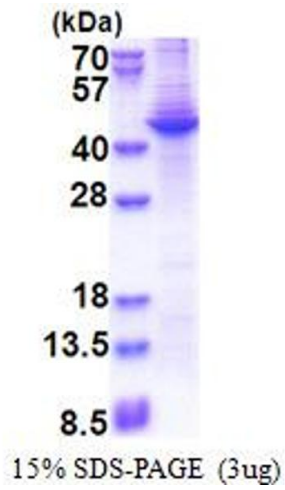
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Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Denatured
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	Liquid. In 20 mM Tris-HCl buffer ( pH 8.0) containing , 10 % glycerol, 0.4M urea
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



**SDS-PAGE**

Image 1.