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Datasheet for ABIN5709061

APOA5 Protein (AA 27-367) (GST tag)

1 Image

Overview

Quantity:	100 µg
Target:	APOA5
Protein Characteristics:	AA 27-367
Origin:	Rat
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This APOA5 protein is labelled with GST tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	RKSFWEYFGQ NSQGKMMGQ QQKLAQESLK GSLEQDLYNM NNFLEKLGPL REPGKEPPRL AQDPEGIRKQ LQQELEEVSST RLEPYMAAKH QQVGWNLEGL RQQLKPYTVE LMEQVGLSVQ DLQEQLRMVG KGTKAQLLGG VDEAMSLLDQ MQRVHLHHTD RVKELFHPYA ERLVTGIGHH VQELHRSVAP HAVASPARLS RCVQTLSHKL TRKAKDLHTS IQRNLDQLRD ELSTFIRVST DGADNRDSLQ PQALSDEVQR RLQAFRHDTY LQIAAFTQAI DQETEEIQHQ LAPPPPSHSA FAPELGHSDS NKALSRLQSR LDDLWEDIAY GLHDQGHSSQN NPEGHSG
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

Target:	APOA5
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Target Details

Alternative Name:	APOA5 (APOA5 Products)
Background:	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 .
Molecular Weight:	40 kDa
UniProt:	Q9QUH3
Pathways:	Regulation of Lipid Metabolism by PPARalpha , Lipid Metabolism

Application Details

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

Handling

Format:	Liquid
Concentration:	0.1-2 mg/mL
Buffer:	20 mM Tris-HCl based buffer, pH 8.0
Storage:	-80 °C, 4 °C, -20 °C
Storage Comment:	Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.



SDS-PAGE

Image 1.