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Datasheet for ABIN4371452
APOA1 Protein (AA 19-267)

Overview

Quantity:	50 µg
Target:	APOA1
Protein Characteristics:	AA 19-267
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant Human Apolipoprotein A-I/APOA1
Sequence:	RHFWQQDEPP QSPWDRVKDL ATVYVDVLKD SGRDYVSQFE GSALGKQLNL KLLDNWDSVT STFSKLREQL GPVTQEFWDN LEKETEGLRQ EMSKDLEEVK AKVQPYLDDF QKKWQEEMEL YRQKVEPLRA ELQEGARQKL HELQEKLSPL GEEMRDRARA HVDALRTHLA PYSDELQRQL AARLEALKEN GGARLAEYHA KATEHLSTLS EKAKPALEDL RQGLLPVLES FKVSFLSALE EYTKKLNTQ
Characteristics:	Recombinant Human Apolipoprotein A-I/APOA1
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	APOA1
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Target Details

Alternative Name:	Apolipoprotein A-I (APOA1 Products)
Molecular Weight:	28.96 kDa
UniProt:	P02647
Pathways:	Regulation of Lipid Metabolism by PPARalpha , Production of Molecular Mediator of Immune Response , Lipid Metabolism

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH ₂ O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.