

Datasheet for ABIN667126

APOA1 Protein (AA 25-267) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	APOA1
Protein Characteristics:	AA 25-267
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This APOA1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	Apolipoprotein A-1, 25-267 aa, Human, His-tagged, Recombinant, E.coli
Purity:	> 95 % by SDS - PAGE

Target Details

Target:	APOA1
Alternative Name:	Apolipoprotein A-1 (APOA1 Products)
Background:	Apolipoprotein A-1, also known as APOA1, is a human protein with a specific role in lipid metabolism. It is the major protein component of high density lipoprotein (HDL) in plasma. This protein promotes cholesterol efflux from tissues to the liver for excretion. And it is a cofactor for lecithin cholesterolacyltransferase (LCAT) which is responsible for the formation of most plasma cholesteryl esters. Defects in the ApoA-1 gene are associated with HDL deficiency

Target Details

including Tangier disease. Recombinant human Apolipoprotein A-1, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Synonyms: APOA1, apolipoprotein A-I. NCBI no.: NP_000030

Molecular Weight: 30.3 kDa (264aa), confirmed by MALDI-TOF.

Pathways: [Regulation of Lipid Metabolism by PPARalpha](#), [Production of Molecular Mediator of Immune Response](#), [Lipid Metabolism](#)

Application Details

Restrictions: For Research Use only

Handling

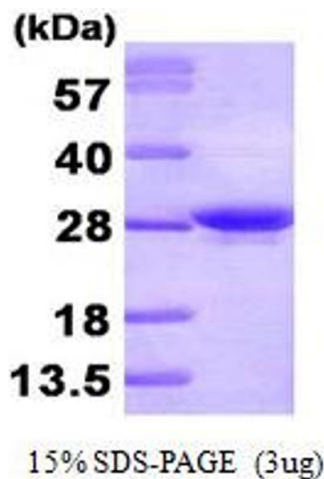
Format: Liquid

Concentration: 1 mg/ml (determined by Bradford assay)

Buffer: Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing, 10% glycerol

Storage: 4 °C

Images



SDS-PAGE

Image 1.