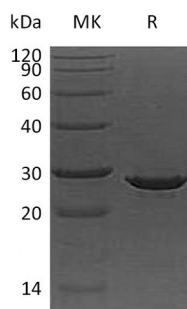


概述 (Summary)

英文全称	Apolipoprotein A-I/ApoA1
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Apolipoprotein A-I is produced by our E.coli expression system and the target gene encoding Arg19-Gln267 is expressed with a 6His tag at the C-terminus.
Accession #	P02647
蛋白标签 (Tag)	
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	30.2 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 6% Sucrose, 4% Mannitol, 50mM NaCl, 0.05% Tween 80, pH7.4.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
复溶 (Reconstitution)	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图 (SDS-PAGE image)

Product Name: Recombinant Human ApoA1 (C-6His)
Catalog #: PEH0082



背景 (Background)

分子别名 (Alternative Names)

Apolipoprotein A-I; Apo-AI; ApoA-I; Apolipoprotein A1; APOA1

背景介绍 (References)

Apolipoprotein A1 (APOA1) is a secreted protein which belongs to the Apolipoprotein A1/A4/E family. APOA1 is the major protein component of high density lipoprotein (HDL) in plasma. APOA1 plays a critical role in various biological processes, such as Cholesterol metabolism, Lipid metabolism and transport, Steroid metabolism. APOA1 promotes cholesterol efflux from tissues to the liver and thus helps to clear cholesterol from arteries. Defects in this gene resulted in HDL deficiencies, including Tangier disease (TGD), systemic non-neuropathic amyloidosis, premature coronary artery disease, hepatosplenomegaly and progressive muscle wasting and weakness. In addition, ApoA-I is implicated in the anti-endotoxin function of HDL via interaction with lipopolysaccharide or endotoxin.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.