

PRODUCT INFORMATION

Target APOA1

Synonyms AMYLD3; HPALP2; apo(a)

Recombinant human APOA1 Protein with C-**Description**

terminal 10×His tag

Delivery In Stock **Uniprot ID** P02647 **Expression Host HEK293**

Tag C-10×His tag

Molecular

Purity

Background

APOA1(Arg19-Gln267) 10×His tag Characterization

The protein has a predicted molecular mass of **Molecular Weight** 30.3 kDa after removal of the signal peptide.

The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before Formulation &

lyophilization. Please see Certificate of Analysis Reconstitution for specific instructions of reconstitution.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Storage & Shipping

Lyophilized proteins are shipped at ambient

temperature.

This gene encodes apolipoprotein A-I, which is the

major protein component of high density lipoprotein (HDL) in plasma. The encoded preproprotein is proteolytically processed to generate the mature protein, which promotes cholesterol efflux from tissues to the liver for excretion, and is a cofactor for lecithin

cholesterolacyltransferase (LCAT), an enzyme responsible for the formation of most plasma

cholesteryl esters. This gene is closely linked with two other apolipoprotein genes on chromosome 11. Defects in this gene are associated with HDL deficiencies, including Tangier disease, and with systemic non-neuropathic amyloidosis.

Alternative splicing results in multiple transcript

variants, at least one of which encodes a preproprotein. [provided by RefSeq, Dec 2015]

Usage Research use only

Conjugate Unconjugated



Email: info@dimabio.com Website: www.dimabio.com





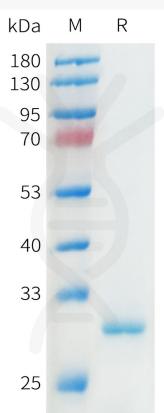


Figure 1. Human APOA1 Protein, His Tag on SDS-PAGE under reducing condition.

Email: info@dimabio.com Website: www.dimabio.com

