

Native Human Apolipoprotein A-II

Cat. No. APOA2-608H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native human APOA2 was expressed in human plasma. Its molecular weight is 17400 Dalton.
Species	Human
Source	Human Plasma
Description	25 percent of Apo A in HDL is APOA2. Levels of APOA2 in normal plasma range from 30-50 mg per 100ml. The physiological role of the protein is unknown. Alcohol consumption, however, increases Apo AII levels. Prepared from plasma shown to be nonreactive for HbsAG, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.
Form	Liquid in 0.01 M Ammonium Bicarbonate, pH 7.4.
Concentration	10.0 mg/mL
Molecular Weight	17.4 kDa
Purity	> 95% pure by SDS-PAGE
Storage	When stored at -80°C, product is stable for 3 years from date of delivery. Keep at a concentration ≥ 1 mg/ml. Avoid repeated freeze-thaw cycles.
Official Symbol	APOA2

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	APOA2 apolipoprotein A-II [Homosapiens]
Synonyms	APOA2;apolipoprotein A-II; apoAII; Apo-AII; ApoA-II; Hdl-1; Alp-2; APOA-2; ApoAII;APOAII; APOA2; apolipoprotein A2; OTTHUMP00000032244; Apolipoprotein A-II;Apolipoprotein A2
Gene ID	336
mRNA Refseq	NM_001643
Protein Refseq	NP_001634
MIM	107670
UniProt ID	P02652
Chromosome Location	1q21-q23
Pathway	Chylomicron-mediatedlipid transport; Fatty acid, triacylglycerol, and ketone body metabolism;Lipid digestion, mobilization, and transport; Lipoprotein metabolism;Metabolism of lipids and lipoproteins; PPAR signaling pathway; PPAR signalingpathway; Regulation of Lipid Metabolism by Peroxisome proliferator-activatedreceptor alpha (PPARalpha); Statin Pathway
Function	cholesterol binding;contributes to cholesterol transporter activity; high-density lipoproteinparticle binding; high-density lipoprotein particle receptor binding; lipaseinhibitor activity; lipid binding; lipid transporter activity;phosphatidylcholine binding; phosphatidylcholine-sterol O-acyltransferaseactivator activity; phospholipid

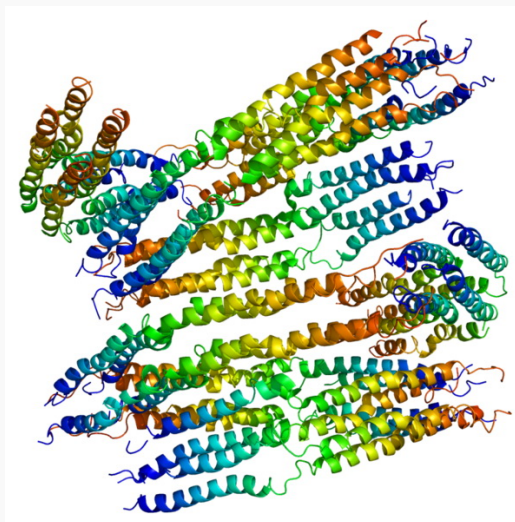
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binding; protein binding; proteinheterodimerization activity; protein homodimerization activity

Rendering of 1L6L.



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