

Product datasheet for BA681

Apolipoprotein A I (APOA1) (NM_000039) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Human Apolipoprotein AI (Apo AI).
Species:	Human
Expression Host:	Plasma
Concentration:	1.8 mg/ml (OD280 nm, E1% = 12.2)
Purity:	> 95 % pure by SDS-PAGE (Column Chromatography).
Buffer:	10 mM NH ₄ HCO ₃ , pH 7.4 containing no preservatives.
Preparation:	Liquid purified fraction.
RefSeq:	NP_000030
Locus ID:	335
Cytogenetics:	11q23.3
Synonyms:	apo(a)
Summary:	<p>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]</p>
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	PPAR signaling pathway



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