

## Product datasheet for **AR00018PU-N**

### Apolipoprotein A I / APO AI Hamster Protein

#### Product data:

Product Type:	Native Proteins
Description:	Apolipoprotein A I / APO AI hamster protein, 0.1 mg
Species:	Hamster
Protein Source:	Plasma
Concentration:	lot specific
Purity:	Syrian hamster plasma, high density lipoproteins
Buffer:	Presentation State: Purified State: Liquid purified Buffer System: 0.05M Tris, pH 7.4 containing 0.05% Thimerosal
Preparation:	Liquid purified
Protein Description:	Purified Hamster Apolipoprotein AI
Storage:	Store the protein at -70°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_000030</a>
Locus ID:	335
Cytogenetics:	11q23.3
Synonyms:	APOA1, ApoA-I, Apo-AI, ApoAI
Summary:	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]
Protein Families:	Druggable Genome, Secreted Protein



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Protein Pathways: PPAR signaling pathway