Apo A1 (ApoA1) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Apo A1 (ApoA1), Recombinant Protein
Full Product Name	Apo A1 Recombinant Protein His Tag Lyophilized
Product Gene Name	ApoA1 recombinant protein
Host	HEK293 cells
Form/Format	This is a Lyophilized protein buffered in PBS, pH7.4
Purity/Purification	>95% as determined by SDS-PAGE.
Preparation and Storage	Lyophilized Protein should be stored at -20 degree C or lower for long term storage. Upon reconstitution, working aliquots should be stored at -20 degree C or -70 degree C. Avoid repeated freeze-thaw cycles.
Species	Human
Tag	His
Related Product Information for ApoA1 recombinant protein	Apo A1 Recombinant Protein His Tag Lyophilized has been recombinantly produced in HEK293 cells. ApoA1 is also known as apolipoprotein A-I, ApoA-I, and is the major protein component of high density lipoprotein (HDL) in plasma. It has a specific role in lipid metabolism. Chylomicrons secreted from the intestinal enterocyte also contain ApoA1 but it is quickly transferred to HDL in the bloodstream. The protein promotes cholesterol efflux from tissues to the liver for excretion. It is a cofactor for lecithin cholesterol acyltransferase (LCAT) which is responsible for the formation of most plasma cholesteryl esters. ApoA-I was also isolated as a prostacyclin (PGI2) stabilizing factor, and thus may have an anticlotting effect. Defects in the gene encoding it are associated with HDL deficiencies, including Tangier disease, and with systemic non-neuropathic amyloidosis. In addition, it has been shown that ApoA1 is implicated in the anti-endotoxin function of HDL via interaction with lipopolysaccharide or endotoxin. This recombinant protein can be used for WB.
Other Notes	Small volumes of ApoA1 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for ApoA1 purchase	MBS8430491 is a recombinant protein targeting ApoA1. Also known as Apo A1 Recombinant Protein His Tag Lyophilized. Host: HEK293 cells.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ApoA1. It may not necessarily be applicable to this product.

Protein Family	Apolipoprotein
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