

Recombinant Human ApolipoproteinA-IV/APOA4 Protein

RPCB1223



Product Information

Product SKU:	RPCB1223	Gene ID:	337	Size:	10µg
Tag:	C-His	Reactivity:	Human		

Additional Information

Expression Host:	HEK293 cells	Swissprot:	P06727
Purity:	-		

Protein Information

Background: Apolipoprotein A-IV (ApoA-IV), first discovered in rat plasma in the 1970s, is a 46 kD glycoprotein with relatively high concentrations in plasma (15–37 mg/dL). It is expressed predominantly in the mammalian small intestine (with highest expression in the duodenum), and also expressed in rodent liver at lower levels. Sensing lipid absorption in enterocytes, ApoA-IV is synthesized and packaged with lipids and other apolipoproteins into chylomicrons and secreted through the lymphatic system into the blood. Once there, as a member of exchangeable apolipoproteins, ApoA-IV dissociates from chylomicrons and transfers to HDL (high density lipoprotein) particles or circulates in lipid-free form. ApoA-IV may protect against atherosclerosis, mediate reverse cholesterol transport, act as an anti-inflammatory agent and modulate intestinal lipid absorption.

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant Human ApolipoproteinA-IV/APOA4 Protein, tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.

Endotoxin: <0.01EU/µg of the protein by LAL method.

Formulation: Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

Storage: Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

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