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APOC3 Protein (Myc-DYKDDDDK Tag)



Image



Publication



Go to Product page

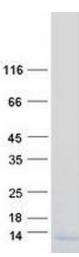
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Quantity:	20 μg
Target:	APOC3
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This APOC3 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	 Recombinant human Apolipoprotein C III / ApoC3 protein expressed in HEK293 cells. Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Target Details	
Target:	APOC3
Alternative Name:	Apolipoprotein C III (Apo Ciii) (APOC3 Products)
Background:	Apolipoprotein C-III is a very low density lipoprotein (VLDL) protein. APOC3 inhibits lipoprotein lipase and hepatic lipase it is thought to delay catabolism of triglyceride-rich particles. The APOA1, APOC3 and APOA4 genes are closely linked in both rat and human genomes. The A-I and A-IV genes are transcribed from the same strand, while the A-1 and C-III genes are convergently transcribed. An increase in apoC-III levels induces the development of

Target Details

l arget Details	
	hypertriglyceridemia.
Molecular Weight:	8.7 kDa
NCBI Accession:	NP_000031
Pathways:	Carbohydrate Homeostasis, Lipid Metabolism
Application Details	
Application Notes:	Recombinant human proteins can be used for:
	Native antigens for optimized antibody production
	Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only
Handling	
Concentration:	50 μg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze
	immediately. Only 2-3 freeze thaw cycles are recommended.
Publications	
Product cited in:	Pan, Zhou, Mahsut, Rohm, Berejnaia, Price, Chen, Castro-Perez, Lassman, McLaren, Conway,
	Jensen, Thomas, Reyes-Soffer, Ginsberg, Gutstein, Cleary, Previs, Roddy: "Static and turnover
	kinetic measurement of protein biomarkers involved in triglyceride metabolism including
	apoB48 and apoA5 by LC/MS/MS." in: Journal of lipid research , Vol. 55, Issue 6, pp. 1179-87, (

2016) (PubMed).



Western Blotting

Image 1. Validation with Western Blot