

Product datasheet

Recombinant Human Apolipoprotein CIII (Tagged)  
ab235684

1 Image

Description

<b>Product name</b>	Recombinant Human Apolipoprotein CIII (Tagged)	
<b>Purity</b>	> 90 % SDS-PAGE.	
<b>Expression system</b>	Escherichia coli	
<b>Accession</b>	<a href="#">P02656</a>	
<b>Protein length</b>	Full length protein	
<b>Animal free</b>	No	
<b>Nature</b>	Recombinant	
<b>Species</b>	Human	
<b>Sequence</b>	SEAEDASLLSFMQGYMKHATKTAKDALSSVQESQVAQQ ARGWVTDGFSSL KDYWSTVKDKFSEFWDLDPVRPTSAVAA	
<b>Predicted molecular weight</b>	11 kDa	
<b>Amino acids</b>	21 to 99	
<b>Additional sequence information</b>	N-terminal 6xHis-SUMO-tagged. Full length mature protein without the signal peptide (1-20 aa).	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab235684** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	SDS-PAGE
<b>Form</b>	Liquid

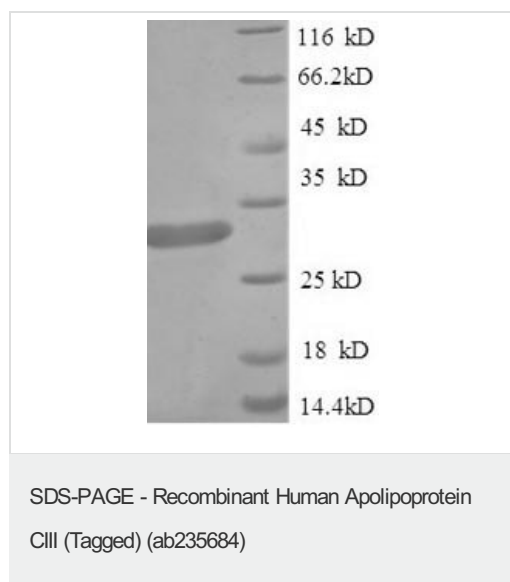
Preparation and Storage

<b>Stability and Storage</b>	Shipped at 4°C. Store at -20°C long term. Avoid freeze / thaw cycle. Constituents: Tris buffer, 50% Glycerol (glycerin, glycerine)
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## General Info

<b>Function</b>	Inhibits lipoprotein lipase and hepatic lipase and decreases the uptake of lymph chylomicrons by hepatic cells. This suggests that it delays the catabolism of triglyceride-rich particles.
<b>Tissue specificity</b>	Constitutes 50% of the protein fraction of VLDL and 2% of that of HDL. Synthesized predominantly in liver and to a lesser degree in intestine.
<b>Involvement in disease</b>	Defects in APOC3 may be a cause of hyperalphalipoproteinemia (HYPALIP) [MIM:143470]. Affected individuals show high levels of alpha-lipoprotein (high density lipoprotein/HDL).
<b>Sequence similarities</b>	Belongs to the apolipoprotein C3 family.
<b>Post-translational modifications</b>	O-linked glycan consists of Gal-GalNAc disaccharide, further modified with up to 3 sialic acid residues. O-glycosylated on Thr-94 with a core 1 or possibly core 8 glycan.
<b>Cellular localization</b>	Secreted.

## Images



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel of ab235684.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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