

Product datasheet

Recombinant Mouse Apolipoprotein CIII (Tagged)
ab226264

1 Image

Description

Product name	Recombinant Mouse Apolipoprotein CIII (Tagged)	
Purity	> 90 % SDS-PAGE.	
Expression system	Escherichia coli	
Accession	P33622	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Mouse	
Sequence	EEVEGSLLLGSGVQGYMEQASKTVQDALSSVQESDIAVVA RGWMDNHFRFL KGYWSKFTDKFTGFWDSPEDQPTPAIES	
Predicted molecular weight	25 kDa including tags	
Amino acids	21 to 99	
Tags	His tag N-Terminus	
Additional sequence information	Full length mature chain without signal peptide. N-terminal 6xHis-SUMO-tagged.	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab226264** in the following tested applications.

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

Applications	SDS-PAGE
Form	Liquid

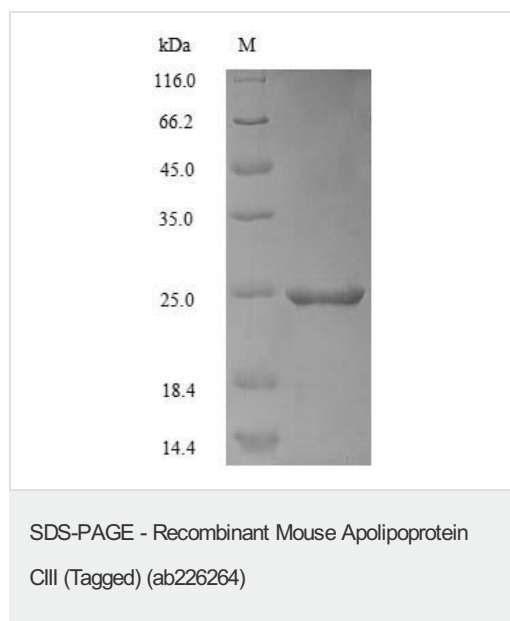
Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. Constituents: Tris buffer, 50% Glycerol (glycerin, glycerine)
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General Info

Function	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.
Tissue specificity	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.
Involvement in disease	Defects in APOC3 may be a cause of hyperalphalipoproteinemia (HYPALIP) [MIM:143470]. Affected individuals show high levels of alpha-lipoprotein (high density lipoprotein/HDL).
Sequence similarities	Belongs to the apolipoprotein C3 family.
Post-translational modifications	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.
Cellular localization	Secreted.

Images



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

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

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- Replacement or refund for products not performing as stated on the datasheet
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