Recombinant Rat APOC3 Protein (21-101 aa), His-tagged

Cat. No. APOC3-1333R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat APOC3 Protein (21-101 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	Rat
Source	Yeast
ProteinLength	21-101 aa
Description	Component of triglyceride-rich very low density lipoproteins (VLDL) and high density lipoproteins (HDL) in plasma. Plays a multifaceted role in triglyceride homeostasis. Intracellularly, promotes hepatic very low density lipoprotein 1 (VLDL1) assbly and secretion; Extracellular domainly, attenuates hydrolysis and clearance of triglyceride-rich lipoproteins (TRLs). Impairs the lipolysis of TRLs by inhibiting lipoprotein lipase and the hepatic uptake of TRLs by rnant receptors.
Form	Tris-based buffer,50% glycerol
Molecular Mass	11.0 kDa
AA Sequence	DEGEGSLLLGSMQGYMEQASKTVQDALSSMQESDIAVVASRGWMDNRFKSLKGY WSKFTDKFTGLWESGPEDQLTTPTLEP
Purity	> 90% as determined by SDS-PAGE.

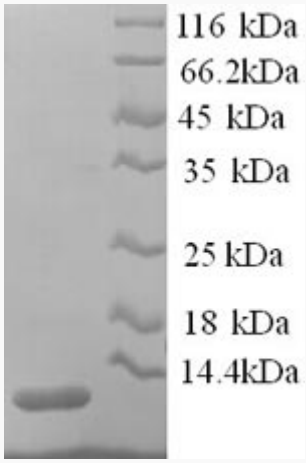
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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name	Apoc3 apolipoprotein C-III [Rattus norvegicus]
Official Symbol	APOC3
Synonyms	APOC3; apolipoprotein C-3; ApoC-III; apo-CIII;
Gene ID	24207
mRNA Refseq	NM_012501
Protein Refseq	NP_036633
UniProt ID	P06759

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

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