Recombinant Cynomolgus Monkey APOC3 Protein (21-99 aa), His-SUMOSTAR-tagged

Cat. No. APOC3-2235C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus Monkey (Macaca fascicularis) (Crab-eating macaque) APOC3 Protein (21-99 aa) is produced by Yeast expression system. This protein is fused with a 6xHis-SUMOSTAR tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	Cynomolgus
Source	Yeast
ProteinLength	21-99 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) assembly and secretion; extracellularly, 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 remnant receptors. Formed of several curved helices connected via semiflexible hinges, so that it can wrap tightly around the curved micelle surface and easily adapt to the different diameters of its natural binding partners.
Form	Tris-based buffer,50% glycerol
Molecular Mass	24.7 kDa

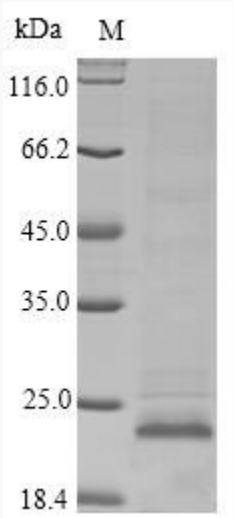
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AA Sequence	SEAEDTSLLGFMQGYMQHATKTAKDALTSVQESQVAQQARGWVTDGFSSLKDYW STVKDKLSGFWDLNPEAKPTLAEAA
Purity	> 85% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name	APOC3 apolipoprotein C3 [Macaca fascicularis (crab-eating macaque)]
Official Symbol	APOC3
Synonyms	APOC3; apoCIII; Apo-CIII; ApoC-III;
Gene ID	102144085
mRNA Refseq	XM_005579730
Protein Refseq	XP_005579787
UniProt ID	P18659

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

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