9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

APOB Protein

Apolipoprotein-B Human Recombinant
CYK0049

Product Overview

Name	APOB Protein
Description	
Apolipoprotein-B Human Recombinant	
Accession (Primary)	P04114
Synonyms	
APOB, APO-B, Apolipoprotein B.	
Source	
Escherichia Coli.	
Physical Appearance	
Filtered White lyophilized (freeze-dried) powder.	
Formulation	
Each mg was lyophilized with 1xPBS, 0.4% SDS and 4mM DTT.	
Stability	
Store lyophilized APOBat -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.	
Purity	
Greater than 80% as determined by SDS-PAGE.	
Solubility	
It is recommended to add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it on cell culture.	
Background	
Apolipoprotein-B (ApoB) is the main apolipoprotein of LDL, VLDL, IDL and chylomicrons particles which serves as the carrier of lipids in the water surrounding the cells in every tissue across the body. Apolipoprotein B acts as the key organizing protein of all other carriers of lipids. across LDL membranes, ApoB also plays a role as a ligand for LDL receptors in many cells across the body, meaning, it shows that lipid carriers that are set to cross into cells with Apolipoprotein B receptors, this is how lipids are transported within and into cells.	

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Precautions

APOB Protein is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P04114)

Background

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