
Product Data Sheet

Product Name: APOA2 Human
Cat. No.: GP20049
Batch No.: 1

Product Data

Purity	>98%	Source	Human HDL.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Apolipoprotein A-II; Apo-AII; ApoA-II; APOA2.		
Formulation	The APOA2 1mg/ml solution contains 10mM Ammonium Bicarbonate at pH7.4.		

Introduction

APOA2 stabilizes the HDL structure by its relationship with lipids, and plays a role in the HDL Metabolism. APOA2 is the 2nd most abundant protein of the high density lipoprotein particles. APOA2 is localized in plasma as a monomer, homodimer, or heterodimer with apolipoprotein D. Defects in APOA2 gene might cause apolipoprotein A-II deficiency or hypercholesterolemia.

Stability

APOA2 although stable at 4°C for 1 week, should be stored below -18°C . For long term storage of APOA2 it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze thaw cycles.

Background

APOA2 Human isolated from Human HDL is a single, glycosylated, polypeptide chain having a molecular mass of 17.38kDa. APOA2 is purified using delipidation and gel permeation chromatographic technique.

Caution: Product has not been fully validated for medical applications. For research use only.

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