

PRODUCT INFORMATION SUMMARY

Human ApoE2

Purified Factor	Product Number	HC88902B	500 ug
	Product Number	HC88902A	100 ug

DESCRIPTION:

Human Apolipoprotein E2 (ApoE2) is one of a group of proteins involved in lipid metabolism. These Apolipoproteins are produced in the liver and brain, and many other organs. Functions include the regulation of lipid enzymes, lipid solubilization, and ligands for lipoprotein receptors. ApoE2 has the lowest receptor binding affinity, and patients with this E2 allele showed lower levels of total cholesterol and LDL cholesterol. ApoE2 is a 300 aa. protein with 34.3 kDa molecular weight.

SOURCE: E. Coli
Purity > 90% by HPLC analysis
Endotoxin < 0.1 ng per ug ApoE2
Sterile-filtered and lyophilized from PBS

BIOLOGICAL ACTIVITY: Not currently available.

HANDLING AND STORAGE:

Purified Human ApoE2 factor is provided lyophilized. Store lyophilized, at -20° C. Microcentrifuge before reconstitution (see below). Upon reconstitution in 5mM Sodium Phosphate with 0.5 mM DTT (pH7.8) to concentration of 1.0 mg/mL, further dilute in PBS or other buffered solutions. Store small aliquots, **with addition of 0.1% BSA**, at -20° C for long-term storage -up to 3 months, at high concentration.

Before opening vial, it is recommended to microcentrifuge vial for 30 seconds to spin-down any lyophilized material that may adhere to top of vial. The small amounts of protein may adhere to the vial as a very thin coat of lyophilized material, and may be difficult to see as a pellet.

WARRANTY:

Products sold hereunder are warranted only to conform to the quantity and contents stated on the label at the time of delivery to the customer. There are no warranties, expressed or implied, which extend beyond the description on the label of the product.

RESEARCH USE ONLY -NOT for DRUG USE