

## PRODUCT INFORMATION SUMMARY

### Human ApoE4

Purified Factor	Product Number	HC88889B	500 ug
	Product Number	HC88889A	100 ug

#### DESCRIPTION:

Human Apolipoprotein E4 (ApoE4) 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. ApoE4 genetics may be involved in Alzheimer's disease. ApoE4 is a 300 aa. protein with 34.4 kDa molecular weight.

**SOURCE:** E. Coli  
Purity > 90% by HPLC analysis  
Endotoxin < 0.1 ng per ug ApoE4  
Sterile-filtered and lyophilized from PBS

**BIOLOGICAL ACTIVITY:** Not currently available.

#### HANDLING AND STORAGE:

Purified Human ApoE4 factor is provided lyophilized. Store lyophilized, at -20° C. Microcentrifuge before reconstitution (see below). Upon reconstitution in sterile or distilled water to concentration of 100 ug/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**