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Product Datasheet

Recombinant Human ApoE (C-6His) EBT-EPT279

Article Name	Recombinant Human ApoE (C-6His)
Biozol Catalog Number	EBT-EPT279
Supplier Catalog Number	EPT279
Alternative Catalog Number	EBT-EPT279-10
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	Recombinant Human Apolipoprotein E is produced by our Mammalian expression system and the target gene encoding Lys19-His317 is expressed with a 6His tag at the C-terminus....
Molecular Weight	Molecular weight: 35.3 KDa. Apparent molecular weight: 39 KDa, reducing conditions
UniProt	P02649
Purity	Greater than 95% as determined by reducing SDS-PAGE.

Application Notes	Redissolve: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.. Endotoxin: Less than 0.1 ng/µg (1 EU/µg) as determined by LAL test. Background: ApoE, a glycoprotein, is a structural component of very low density lipoprotein (vLDL) synthesized by the liver and intestinally synthesized chylomicrons . ApoE is also a constituent of a subclass of high density of lipoproteins (HDL) involved in cholesterol transport . ApoE mediates high affinity binding of chylomicrons and vLDL particles to the LDL receptor, allowing for specific uptake of these particles by the liver, preventing the accumulation of cholesterol rich particles in the plasma . Apolipoprotein E combines with fats (lipids) in the body to form molecules called lipoproteins and Apolipoprotein E is a major component of a specific type of lipoprotein called very low-density lipoproteins (VLDLs).
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