

## Product datasheet for **TP726050**

### Cynomolgus Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Cyno ApoE
Species:	Cynomolgus
Expression cDNA Clone or AA Sequence:	M1-H317
Tag:	C-His
Buffer:	Supplied as a 0.2 µm filtered solution of 20mM sodium phosphate, pH7.8.
Note:	Recombinant Cyno ApoE is produced by our E. coli expression system and the target gene encoding M1-H317 is expressed with a His tag at the C-terminus.
Stability:	12 months from date of despatch
Summary:	Apolipoprotein E (ApoE) is a glycoprotein that mainly functions in lipoprotein-mediated lipid transport between organs via the plasma and interstitial fluids. ApoE can be synthesized by the liver and intestinally synthesized chylomicrons. ApoE mediates high-affinity binding of chylomicrons and very low density lipoprotein (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. ApoE plays an essential role in the formation of plasma lipoproteins and is involved in their production, conversion and clearance. ApoE is also a constituent of a subclass of high density of lipoproteins (HDL) involved in cholesterol transport.



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