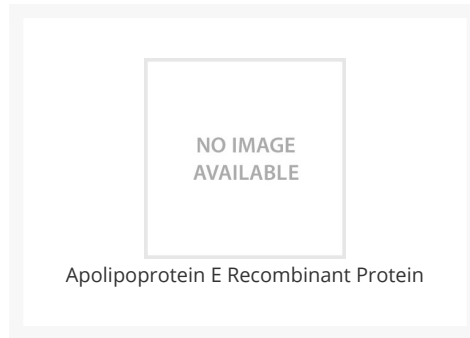




Apolipoprotein E Recombinant Protein

Cat. No.: 92-407



Ψ Specifications

SPECIES:	Mouse
SOURCE SPECIES:	Human Cells
SEQUENCE:	Glu19-Gln311
FUSION TAG:	C-6 His tag
TESTED APPLICATIONS:	
APPLICATIONS:	This recombinant protein can be used for biological assays. For research use only.
PREDICTED MOLECULAR WEIGHT:	35 kD

Ψ Properties

PURITY:	Greater than 95% as determined by reducing SDS-PAGE. Endotoxin level less than 0.1 ng/ug (1 IEU/ug) as determined by LAL test.
PHYSICAL STATE:	Lyophilized
BUFFER:	Lyophilized from a 0.2 um filtered solution of 20mM PB,150mM NaCl,pH7.4. It is not recommended to reconstitute to a concentration less than 100 ug/ml. Dissolve the lyophilized protein in ddH2O.

STORAGE CONDITIONS:	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
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Ψ Additional Info

OFFICIAL SYMBOL:	ApoE
ALTERNATE NAMES:	Apolipoprotein E/Apo-E/APOE, ApoE
ACCESSION NO.:	P08226
GENE ID:	11816

Ψ Background and References

BACKGROUND:	Apolipoprotein E (Apo-E), is a member of the apolipoprotein A1/A4/E family. APOE may function in mediating the binding, internalization, and catabolism of lipoprotein particles. It can serve as a ligand for the LDL (apo B/E) receptor and for the specific apo-E receptor (chylomicron remnant) of hepatic tissues. APOE is usually secreted in plasma. Phosphorylation sites are present in the extracellular medium.
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