Apolipoprotein E (APOE) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Apolipoprotein E (APOE), Recombinant Protein
Full Product Name	Human Apolipoprotein E Recombinant Protein C-6His Tag Lyophilized
Product Gene Name	APOE recombinant protein
Host	Human Cells
Form/Format	This is a Lyophilized protein buffered in lyophilized from a 0.2um filtered solution of 20mM PBS, 150mM NaCl, pH7.4. It is not recommended to reconstitute to a concentration less than 100UG/ml. Dissolve the lyophilized protein in ddH2O
Purity/Purification	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.
Preparation and Storage	Lyophilized protein should be stored at -20 degree C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7 degree C for 2-7 days. Aliquots of reconstituted samples are stable at -20 degree C for 3 months.
Species	Human
Tag	C-6His
Related Product Information for APOE recombinant protein	Human Apolipoprotein E Recombinant Protein C-6 His Tag Lyophilized has been recombinantly produced in Human Cells. 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). This recombinant protein can be used for biological assays.
Other Notes	Small volumes of APOE recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for APOE purchase	MBS8431234 is a recombinant protein targeting APOE. Also known as Human Apolipoprotein E Recombinant Protein C-6His Tag Lyophilized. Host: Human Cells.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for APOE. It may not necessarily be applicable to this product.

Protein Family	Apolipoprotein
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.

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