

For research purposes only, not for human use

## **Product Data Sheet**

## **Recombinant Human APOE Protein**

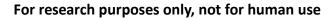
Catalog #	Source	Reactivity	Applications			
CRP1071	Human cells	Human	E, WB, SDS-PAGE, MS			
Description	Recorr	nbinant Human APO	E Protein is produced by our mammalian expression			
	system	n and the target gen	e encoding Lys19-His317 is expressed with a 6His tag at			
	the C-	terminus.				
Form	Lyophi	ilized from a 0.2 $\mu M$	filtered solution of 20mM PB, 150mM NaCl, pH 7.4.			
Gene Symbol	APOE					
Alternative N	ames Apolip	Apolipoprotein E; Apo-E				
Entrez Gene	348 (H	luman)				
SwissProt	P0264	P02649 (Human)				
Purity	Greate	Greater than 95% as determined by reducing SDS-PAGE.				
Chemical Stru	icture KVEQA	KVEQAVETEP EPELRQQTEW QSGQRWELAL GRFWDYLRWV QTLSEQVQEE				
	LLSSQ	VTQEL RALMDETMK	E LKAYKSELEE QLTPVAEETR ARLSKELQAA QARLGADMED			
	VCGRL	.VQYRG EVQAMLGQ	ST EELRVRLASH LRKLRKRLLR DADDLQKRLA VYQAGAREGA			
	ERGLS	AIRER LGPLVEQGRV	RAATVGSLAG QPLQERAQAW GERLRARMEE MGSRTRDRLD			
	EVKEC	VAEVR AKLEEQAQC	N RLQAEAFQAR LKSWFEPLVE DMQRQWAGLV			
	EKVQA	AVGTS AAPVPSDNF	IV DHHHHH			
Quality Contr	ol Endote	Endotoxin: Less than 0.1 ng/μg (1 ΙΕU/μg) as determined by LAL test.				
Directions for	<b>Use</b> Always	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not				
	recom	mended to reconsti	tute to a concentration less than 100 μg/ml. Dissolve the			
	lyophi	lized protein in 1X P	BS. Please aliquot the reconstituted solution to minimize			
		-thaw cycles.				
Storage/Stab			be stored at -20°C. though stable at room temperature			

Storage/Stability Lyophilized protein should be stored at -20°C, though stable at room temperature

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC-Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb-Rabbit, S- Sheep, Z- Zebrafish

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for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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