

Product Data Sheet

Recombinant Mouse APOE Protein

Catalog #	Source	Reactivity	Applications
CRP1072	Human cells	Mouse	E, WB, SDS-PAGE, MS
Description	Recombinant Mouse APOE Protein is produced by our mammalian expression system and the target gene encoding Glu19-Gln311 is expressed with a 6His tag at the C-terminus.		
Form	Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.		
Gene Symbol	APOE		
Alternative Names	Apolipoprotein E; Apo-E		
Entrez Gene	11816 (Mouse)		
SwissProt	P08226 (Mouse)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	EGEPEVTDQL EWQSNQPWEQ ALNRFWDYLR WVQTLSDQVQ EELQSSQVTQ ELTALMEDTM TEVKAYKKEL EEQLGPVAEE TRARLGKEVQ AAQARLGADM EDLRNRLGQY RNEVHTMLGQ STEEIRARLS THLRKMRKRL MRDAEDLQKR LAVYKAGARE GAERGVSAIR ERLGPLVEQG RQRTANLGAG AAQPLRDRAQ AFGDRIRGRL EEVGNQARDR LEEVREHMEE VRSKMEEQTQ QIRLQAEIFQ ARLKGWFEPI VEDMHRQWAN LMEKIQASVA TNPIITPVAQ ENQVDHHHHH H		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
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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