

Recombinant Human APOE4 Protein, His-tagged

Cat. No. APOE-1378H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human APOE4 protein was expressed in E. coli with N-terminal His tag.
Species	Human
Source	E.coli
Form	Lyophilized powder
Molecular Mass	35.2kDa
AA Sequence	MHHHHHHKVE QAVETEPEPE LRQQTEWQSG QRWELALGRF WDYLRWVQTL SEQVQEELLS SQVTQELRAL MDETMKELKA YKSELEEQLT PVAEETRARL SKELQAAQAR LGADMEDVRG RLVQYRGEVQ AMLGQSTEEL RVRLASHLRK LRKRLLRDAD DLQKRLAVYQ AGAREGAERG LSAIRERLGP LVEQGRVRAA TVGSLAQPL QERAQAWGER LRARMEEMGS RTRDRLDEVK EQVAEVRACL EEQAQQIRLQ AEAFAQARLKS WFEPLVEDMQ RQWAGLVEKV QAAVG TSAAP VPSDNH
Purity	Greater than 95% as determined by SDS-PAGE.
Storage	Lyophilized APOE4 although stable at room temperature for 3 weeks, should be stored desiccated below -18 centigrade. Upon reconstitution APOE4 should be stored at 4 centigrade between 2-7 days and for future use below -18 centigrade. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

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Storage Buffer	Sterile (0.2µm) filtered aqueous solution containing 10mM sodium phosphate, pH 7.5.
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Reconstitution	It is recommended to reconstitute the lyophilized APOE4 in sterile 18M-cm H2O not less than 100g/ml, which can then be further diluted to other aqueous solutions.
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GENE INFORMATION

Gene Name	APOE apolipoprotein E [Homo sapiens (human)]
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Official Symbol	APOE
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Synonyms	AD2; LPG; APO-E; ApoE4; LDLQC5
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Gene ID	348
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MIM	107741
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UniProt ID	P02649
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