

## Recombinant Human APOE4 Protein, His-tagged

APOE-1378H Human

Lot. No. (See product label)

### Specification

<b>Product Overview</b>	Recombinant human APOE4 protein was expressed in E. coli with N-terminal His tag.
<b>Source</b>	E. coli
<b>Species</b>	Human
<b>Tag</b>	His
<b>Form</b>	Lyophilized powder
<b>Molecular Mass</b>	35.2kDa
<b>AA Sequence</b>	MHHHHHHKVE QAVETEPEPE LRQQTEWQSG QRWELALGRF WDYLRWVQTL SEVQVEELLS SQVTQELRAL MDETMKELKA YKSELEEQLT PVAEETRARL SKELQAAQAR LGADMEDVRG RLVQYRGEVQ AMLGQSTEEL RVRLASHLRK LRKRLLRDAD DLQKRLAVYQ AGAREGAERG LSAIRERLGP LVEQGRVRAA TVGSLAGQPL QERAQAWGER LRARMEEMGS RTRDRLDEVK EQVAEVRACL EEQAQQIRLQ AEAFAQRLKS WFEPLVEDMQ RQWAGLVEKV QAAVG TSAAP VPSDNH
<b>Purity</b>	Greater than 95% as determined by SDS-PAGE.
<b>Storage</b>	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.
<b>Storage Buffer</b>	Sterile (0.2µm) filtered aqueous solution containing 10mM sodium phosphate, pH 7.5.
<b>Reconstitution</b>	It is recommended to reconstitute the lyophilized APOE4 in sterile 18M-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

### Gene Information

<b>Gene Name</b>	<a href="#">APOE apolipoprotein E [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	<a href="#">APOE</a>
<b>Synonyms</b>	AD2; LPG; APO-E; ApoE4; LDLQC5
<b>Gene ID</b>	<a href="#">348</a>
<b>MIM</b>	<a href="#">107741</a>
<b>UniProt ID</b>	<a href="#">P02649</a>

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