

## Recombinant Human CLU beta chain, Met1-Arg227, and alpha chain, Ser228-Glu449, C-DDK and His tagged

Cat. No. CLU-003H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CLU beta chain) with Met1-Arg227) with and alpha chain) with Ser228-Glu449) with a Cterminal DDK and His tag on the alpha chain was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Arg227 (beta chain) and Ser228-Glu449 (alpha chain)
<b>Description</b>	Clusterin, aka apolipoprotein J is a glycoprotein that can be found in most fluids. Clusterin is multifunctional with large amounts found in the central nervous system and has been associated with Alzheimer disease.
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	Predicted Molecular Mass: 50 kDa (full-length); 25.9 kDa (alpha-chain); 24.2 kDa (beta-chain) SDS-PAGE: 62 kDa (full-length, non-reduced): 40 kDa doublet (alpha and beta chain) reducing conditions
<b>Purity</b>	> 95% as analyzed by SDS-PAGE
<b>N-terminal Sequence</b>	Asp23 (beta chain) predicted

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<b>Analysis</b>	Ser228 (alpha chain) predicted
<b>Applications</b>	ELISA and Western Blot Analysis
<b>Notes</b>	For Research Use Only.
<b>Storage</b>	2 years at -20 to -80 centigrade as supplied. 1 month at 4 centigrade after reconstitution with preservative. 1 year at -20 to -80 centigrade after reconstitution.
<b>Storage Buffer</b>	Lyophilized from 1xPBS with Trelahose
<b>Shipping</b>	Ambient
<b>Reconstitution</b>	Reconstitute at 50 µg/mL in sterile PBS containing at least 0.1% protein

## GENE INFORMATION

<b>Gene Name</b>	CLU clusterin [ Homo sapiens (human) ]
<b>Official Symbol</b>	CLU
<b>Synonyms</b>	CLU; clusterin; APOJ, CLI, clusterin (complement lysis inhibitor, SP 40,40, sulfated glycoprotein 2, testosterone repressed prostate message 2, apolipoprotein J); apolipoprotein J; complement lysis inhibitor; KUB1; SGP 2; SP 40; sulfated glycoprotein 2; testosterone repressed prostate message 2; TRPM 2; ku70-binding protein 1; aging-associated protein 4; complement cytolysis inhibitor; complement-associated protein SP-40,40; testosterone-repressed prostate message 2; CLI; AAG4; APOJ; SGP2; APO-J; SGP-2; SP-40; TRPM2; TRPM-2; NA1/NA2; MGC24903

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<b>Gene ID</b>	1191
<b>mRNA Refseq</b>	NM_001831
<b>Protein Refseq</b>	NP_001822
<b>MIM</b>	185430
<b>UniProt ID</b>	P10909

**Clusterin on a  
Coomassie stained  
4-12%SDS-PAGE gel,  
reducing conditions.**



188kDa  
98kDa  
62kDa  
49kDa  
38kDa  
28kDa  
17kDa  
14kDa  
6kDa  
3kDa

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