

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

Product Overview	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.
Species	Human
Source	HEK293
ProteinLength	Met1-Arg227 (beta chain) and Ser228-Glu449 (alpha chain)
Description	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.
Form	Lyophilized
Molecular Mass	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
Purity	> 95% as analyzed by SDS-PAGE
N-terminal Sequence	Asp23 (beta chain) predicted

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Analysis	Ser228 (alpha chain) predicted
Applications	ELISA and Western Blot Analysis
Notes	For Research Use Only.
Storage	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.
Storage Buffer	Lyophilized from 1×PBS with Trelahose
Shipping	Ambient
Reconstitution	Reconstitute at 50 µg/mL in sterile PBS containing at least 0.1% protein

GENE INFORMATION

Gene Name	CLU clusterin [Homo sapiens (human)]
Official Symbol	CLU
Synonyms	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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Gene ID 1191

mRNA Refseq NM_001831

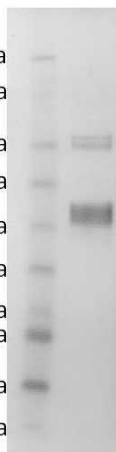
Protein Refseq NP_001822

MIM 185430

UniProt ID 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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