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

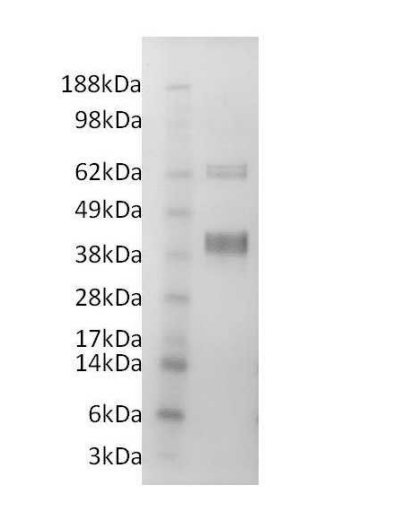
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Analysis	Ser228 (alpha chain) predicted
Applications	ELISA and Western Blot Analysis
Notes	For Research Use Only.
Storage	2 years at -20 to -80 centigrade as supplied. 1 month at 4 centigrade after reconstitution with preservative. 1 year at -20 to -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.	

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