

## Recombinant Human CLU protein, His-tagged

Cat. No. CLU-2550H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CLU protein(101-449 aa), fused to His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	101-449 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
<b>AA Sequence</b>	VCNETMMALWEECKPCLKQTCMKFYARVCRSGSLVGRQLEEFLNQSSPFYFWM NGDRIDSLENDRQQTHMLDVMQDHFSRASSIIDELFQDRFFTREPQDITYHYLPFSL PHRRPHFFFPKSRIVRSLMPFSPYEPLNFHAMFQPFLEMIHEAQQAMDIHFHSPAQ HPPTEFIREGDDDRTVCREIRHNSTGCLRMKDQCDKCREILSVDCSTNNPSQAKLR RELDES LQVAERLTRKYNELLKSYQWKMLNTSSLLEQLNEQFNWVSRLANLTQGED QYYLRVTTVASHTSDSDVPSGVTEVVVKLFDSDPITVTPVEVSRKNPKFMETVAEK ALQEYRKKHREE
<b>Purity</b>	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

**Reconstitution**

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.  
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

## GENE INFORMATION

**Gene Name**

[CLU clusterin \[ Homo sapiens \]](#)

**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;

**Gene ID**

[1191](#)

**mRNA Refseq**

[NM\\_001831](#)

**Protein Refseq**

[NP\\_001822](#)

**MIM**

[185430](#)

**UniProt ID**

[P10909](#)

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