

Recombinant Human CLU protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human CLU protein(101-449 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	101-449 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	VCNETMMALWEECKPCLKQTCMKFYARVCRSGSLVGRQLEEFNLQSSPFYFWM NGDRIDSLLENDRQQTHMLDVMQDHFSRASSIIDELFQDRFFTREPQDTYHYLPFSL PHRRPHFFFPKSRIVRSLMPFSPYEPLNFHAMFQPFLEMIHEAQQAMDIHFHSPAFAQ HPPTEFIREGDDDRTVCREIRHNSTGCLRMKDQCDKCREILSVDCSTNNPSQAKLR RELDESLQVAERLTRKYNELLKSYQWKMLNTSSLLEQLNEQFNWVSRLANLTQGED QYYLRVTTVASHTSDSDVPSGVTEVVVKLFDSDPITVTPVEVSRKNPKFMETVAEK ALQEYRKKHREE
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	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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