

Recombinant Human CLU protein, FLAG-tagged

Cat. No. CLU-26745TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CLU fused with FLAG tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Form	Lyophilized. Contains PBS.
Molecular Mass	80kDa (under non-reducing conditions); 39kDa and 40kDa (under reducing conditions) (by SDS-PAGE).
Endotoxin	<0.01EU/μg purified protein (LAL test; Lonza).
Purity	≥90% (SDS-PAGE)
Notes	After opening, prepare aliquots and store at -20 centigrade. Avoid freeze/thaw cycles.
Stability	Stable for at least 6 months after receipt when stored at -20 centigrade. Working aliquots are stable for up to 3 months when stored at -20 centigrade.
Storage	Short Term Storage: +4 centigrade; Long Term Storage: -20 centigrade.
Concentration	After reconstitution:

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for 10g size: 0.1mg/ml

for 50g size: 1mg/ml

Reconstitution

10g size: Reconstitute with 100 μ sterile water.

50g size: Reconstitute with 50 μ sterile water.

PBS containing at least 0.1% BSA should be used for further dilutions.

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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Chromosome Location	8p21-p12
Pathway	Hemostasis, organism-specific biosystem; Platelet activation, signaling and aggregation, organism-specific biosystem; Platelet degranulation, organism-specific biosystem; Response to elevated platelet cytosolic Ca ²⁺ , organism-specific biosystem; Validated targets of C-MYC transcriptional repression, organism-specific biosystem;
Function	NOT ATPase activity; misfolded protein binding; misfolded protein binding; protein binding; ubiquitin protein ligase binding;

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