

## Recombinant Human CLU Protein, Fc/His-tagged

**Cat. No.** CLU-842H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CLU, transcript variant 2, fused with Fc/His tag at C-terminal was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Description</b>      | The protein encoded by this gene is a secreted chaperone that can under some stress conditions also be found in the cell cytosol. It has been suggested to be involved in several basic biological events such as cell death, tumor progression, and neurodegenerative disorders. Alternate splicing results in both coding and non-coding variants.                                                                                                                                      |
| <b>Form</b>             | Lyophilized from a 0.2 M filtered solution of PBS, pH 7.4                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Molecular Mass</b>   | 78kD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>AA Sequence</b>      | DQTVSDNELQEMSNQGSKYVNKEIQNAVNGVKQIKTLIEKTNEERKTLLSNLEEAKK<br>KKEDALNETRESETKLKELPGVCNETMMALWEECKPCLKQTCMKFYARVCRSGSG<br>LVGRQLEEFNLQSSPFYFWMNGDRIDSLENDRQQTHMLDVMQDHFSRASSIIDEL<br>FQDRFFTREPQDITYHYLPFSLPHRRPHFFPKSRIVRSLMPFSPYEPLNFHAMFQPF<br>LEMIHEAQQAMDIHFHSPAFQHPPTFEIREGDDDRTVCREIRHNSTGCLRMKDQCD<br>KCREILSVCSTNNPSQAKLRRELDLQVAERLTRKYNELLKSYQWKMLNTSSLLE<br>QLNEQFNWVSRLANLTQGEDQYYLRVTTVASHTSDSDVPSGVTEVVVKLFDSDPIT<br>VTVPVESRKNPKFMETVAEKALQEYRKKHREEVDDIEGRMDEPKSCDKTHTCPPC |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

PAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVDVSHEDPEVKFNWYVDGVEVH  
NAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQ  
PREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVL  
DSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGKHHHHHH

**Endotoxin** Endotoxin level is <0.1 ng/g of protein (<1EU/g).

**Purity** >95% as determined by SDS-PAGE and Coomassie blue staining

**Concentration** Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 g/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## 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

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|----------------|---------------------------|
| mRNA Refseq    | <a href="#">NM_001831</a> |
| Protein Refseq | <a href="#">NP_001822</a> |
| MIM            | <a href="#">185430</a>    |
| UniProt ID     | <a href="#">P10909</a>    |

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