

Recombinant Human CLU Protein, Fc/His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human CLU, transcript variant 2, fused with Fc/His tag at C-terminal was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Form	Lyophilized from a 0.2 M filtered solution of PBS, pH 7.4
Molecular Mass	78kD
AA Sequence	DQTVSDNELQEMSNQGSKYVNKEIQNAVNGVKQIKTLIEKTNEERKTLLSNLEEAKK KKEDALNETRESETKLKELPGVCNETMMALWEECKPCLKQTCMKFYARVCRSGSG LVGRQLEEFNLQSSPFYFWMNGDRIDSLENDRQQTHMLDVMQDHFSRASSIIDEL FQDRFFTREPQDTYHYLPFSLPHRRPHFFPKSRIVRSLMPFSPYEPLNFHAMFQPF LEMIHEAQQAMDIHFHSPAFQHPPTFEFIREGDDDRTVCREIRHNSTGCLRMKDQCD KCREILSVCSTNNPSQAKLRRELDLQVAERLTRKYNELLKSYQWKMLNTSSLLE QLNEQFNWVSRLANLTQGEDQYYLRVTTVASHTSDSDVPSGVTEVVVKLFDSDPIT VTVPVEVSRKNPKFMETVAEKALQEYRKKHREEVDDIEGRMDEPKSCDKTHTCPPC

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

PAPPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVH
 NAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQ
 PREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVL
 DSDGSFFLYSKLTVDKSRWQQGNVFSCVMHEALHNHYTQKSLSLSPGKHHHHHH

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	NM_001831
Protein Refseq	NP_001822
MIM	185430
UniProt ID	P10909

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