

# CLU (Human) Recombinant Protein

Catalog # P8433

Size 20 ug

## Specification

|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>  | Human CLU (P10909, 23 a.a. - 449 a.a.) partial-length recombinant protein with His-tag at N-terminus expressed in <i>Escherichia coli</i> .                                                                                                                                                                                                                                                                                                                                                             |
| <b>Sequence</b>             | MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSDQTVSDNELQEMSNQGSKYVNKEIQ<br>NAVNGVKQIKTLIEKTNEERKTLSSNLEEAKKKKEDALNETRESETKLKELPGVCNETMMALWEE<br>CKPCLKQTCMKFYARVCRSGSLVGRQLEEFNLQSSPFYFWMNGDRIDSLENDRQQTHMLDV<br>MQDHFSRASSIIDELFQDRFFFTREPQDTYHYLPFSLPHRRPHFFPKSRVRSLMPFSPYEPLNFH<br>AMFQPFLEMIHEAQQAMDIIHFHSPAFQHPPTEFIREGDDDRTVCREIRHNSTGCLRMKDQCDKC<br>REILSVDCSTNNPSQAKLRRELDLQVAERLTRKYNELLKSYQWKMLNTSSLLEQLNEQFNWVS<br>RLANLTQGEDQYYLRVTTVASHTSDSDVPSGVTEVVVKLFDSDPITVTPVEVSRKNPKFMETVA<br>EKALQEYRKKHREE. |
| <b>Host</b>                 | <i>Escherichia coli</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Theoretical MW (kDa)</b> | 54.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Form</b>                 | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Preparation Method</b>   | <i>Escherichia coli</i> expression system                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Purity</b>               | > 85% by SDS-PAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Storage Buffer</b>       | 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Storage Instruction</b>  | Store, frozen at -20°C for longer periods of time.<br>For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).<br>Avoid multiple freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                         |

## Applications

- SDS-PAGE

## Gene Info — CLU

|                           |                                                                                                                                                                                                                                                                 |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Entrez GeneID</b>      | <a href="#">1191</a>                                                                                                                                                                                                                                            |
| <b>Protein Accession#</b> | <a href="#">P10909</a>                                                                                                                                                                                                                                          |
| <b>Gene Name</b>          | CLU                                                                                                                                                                                                                                                             |
| <b>Gene Alias</b>         | AAG4, APOJ, CLI, KUB1, MGC24903, SGP-2, SGP2, SP-40, TRPM-2, TRPM2                                                                                                                                                                                              |
| <b>Gene Description</b>   | clusterin                                                                                                                                                                                                                                                       |
| <b>Omim ID</b>            | <a href="#">185430</a>                                                                                                                                                                                                                                          |
| <b>Gene Ontology</b>      | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                       |
| <b>Gene Summary</b>       | SP-40                                                                                                                                                                                                                                                           |
| <b>Other Designations</b> | OTTHUMP00000128311 aging-associated protein 4 apolipoprotein J clusterin (complement lysis inhibitor, SP-40,40, sulfated glycoprotein 2, testosterone-repressed prostate message 2, apolipo protein J) complement lysis inhibitor complement-associated protein |

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