



# Recombinant Rat Clusterin (Clu)

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Code</b>      | CSB-EP005595RA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Uniprot No.</b>       | P05371                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Product Type</b>      | Recombinant Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Immunogen Species</b> | Rattus norvegicus (Rat)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Purity</b>            | ≥85% (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Sequence</b>          | EQEFSDEL QELSTQGSRY VNKEIQNAVQ GVKHIKTLIE KTNAERKSLN<br>NSLEEAKKKK EGALDDTRDS EMKLFKAFPEV CNETMMALWE ECKPCLKHTC<br>MKFYARVCRS GSGLVGRQLE EFLNQSSPFY FWMNGDRIDS LLESDRQQSQ<br>VLDAMQDSFT RASGIIDTLF QDRFFTHEPQ DIHHFSPMGF PHKRPHFLYP<br>KSRLVRSLMP LSHYGPLSFH NMFQPFDDMI HQAQQAMDVQ LHSPALQFPD<br>VDFLKEGEDD PTVCKEIRHN STGCLKMKGQ CEKCQEILSV DCSTNPAQA<br>NLRQELNDSL QVAERLTQQY NELLHSLQSK MLNTSSLLEQ LNDQFTWVSQ<br>LANLTQGDDQ YLRVSTVTTH SSDSEVPSRV TEVVVKLFDS DPITVVLPEE<br>VSKDNPKFMD TVAELALQEY RRKSRME |
| <b>Source</b>            | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Target Names</b>      | Clu                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Protein Names</b>     | Recommended name: Clusterin Alternative name(s): Dimeric acid glycoprotein<br>Short name= DAG Sulfated glycoprotein 2 Short name= SGP-2 Testosterone<br>repressed prostate message 2 Short name= TRPM-2 Cleaved into the followi                                                                                                                                                                                                                                                                            |
| <b>Expression Region</b> | 22-447                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at<br>4°C for up to one week.                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Protein Length</b>    | Full Length of Mature Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Reconstitution</b>    | We recommend that this vial be briefly centrifuged prior to opening to bring the<br>contents to the bottom. Please reconstitute protein in deionized sterile water to a<br>concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final<br>concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final<br>concentration of glycerol is 50%. Customers could use it as reference.                                                                                     |
| <b>Shelf Life</b>        | The shelf life is related to many factors, storage state, buffer ingredients,<br>storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life<br>of lyophilized form is 12 months at -20°C/-80°C.                                                                                                                                                                                                                    |