

Clusterin Recombinant Protein

Recombinant human Clusterin protein

CATALOG #
AAA113598

APPLICATIONS
ELISA, SDS-Page

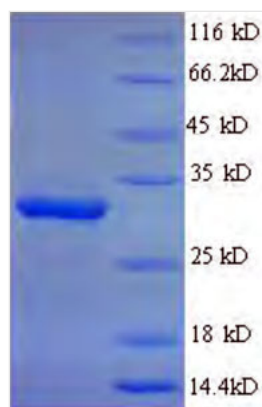
PRODUCT SYNONYMS

Clusterin; Recombinant human Clusterin protein; Aging-associated gene 4 protein; Apolipoprotein J; Apo-J; Complement cytolysis inhibitor; CLI; Complement-associated protein SP-40; 40; Ku70-binding protein 1; NA1/NA2; Testosterone-repressed prostate message 2; TRPM-2; Clusterin recombinant protein

PRODUCT SPECIFICATIONS

Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Liquid containing glycerol
Sequence Positions	23-227; Partial. Provide the Clusterin beta chain
Sequence	DQTVSDNELQ EMSNQGSKYV NKEIQNAVNG VKQIKTLIEK TNEERKTLLS NLEEAKKKKE DALNETRESE TKLKELPGVC NETMMALWEE CKPCLKQTCM KFYARVCRSG SGLVGRQLEE FLNQSSPFYF WMNGDRIDSL LENDRQQTHM LDVMQDHFSR ASSIIDELFQ DRFFTREPQD TYHYLPFSLP HRRPHFFFPK SRIVR
Sequence Length	227
Applicable Applications for Clusterin recombinant protein	ELISA, SDS-PAGE
Preparation and Storage	Store at -20 degree C. For extended storage, conserve at -20 degree C or -80 degree C. Note: Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Clusterin recombinant protein	Isoform 1 functions as extracellular chaperone that prevents aggregation of nonnative proteins. Prevents stress-induced aggregation of blood plasma proteins. Inhibits formation of amyloid fibrils by APP, APOC2, B2M, CALCA, CSN3, SNCA and aggregation-prone LYZ variants (in vitro). Does not require ATP. Maintains partially unfolded proteins in a state appropriate for subsequent refolding by other chaperones, such as HSPA8/HSC70. Does not refold proteins by itself. Binding to cell surface receptors triggers internalization of the chaperone-client complex and subsequent lysosomal or proteasomal degradation. Secreted isoform 1 protects cells against apoptosis and against cytolysis by complement. Intracellular isoforms interact with ubiquitin and SCF (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complexes and promote the ubiquitination and subsequent proteasomal degradation of target proteins. Promotes proteasomal degradation of COMMD1 and IKBKB. Modulates NF-kappa-B transcriptional activity. Nuclear isoforms promote apoptosis. Mitochondrial isoforms suppress BAX-dependent release of cytochrome c into the cytoplasm and inhibit apoptosis. Plays a role in the regulation of cell proliferation.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	1048721
Molecular Weight	27kD
NCBI Official Full Name	clusterin

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/clusterin-recombinant-protein-elisa-sds-page/113598>