

Clusterin Recombinant Protein | CLU recombinant protein

Recombinant Human Clusterin

CATALOG # AAA116195	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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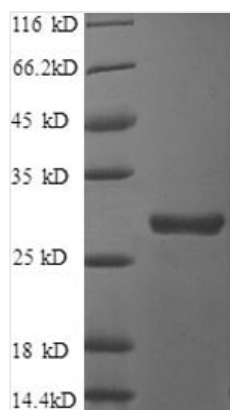
PRODUCT SYNONYMS

Clusterin; Recombinant Human Clusterin; 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; CLU recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	23-224aa; Partial
Sequence	DQTVSDNELQ EMSNQGSKYV NKEIQNAVNG VKQIKTLIEK TNEERKTLLS NLEEAKKKKE DALNETRESE TKLKELPGVC NETMMALWEE CKPCLKQTCM KFYARVCRSG SGLVGRQLEE FLNQSSPFYF WMNGDRIDSL LENDRQQTHM LDVMQDHFSR ASSIIDELFQ DRFFTREPQD TYHYLPFSLP HRRPHFFFPK SR
Sequence Length	224
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Colihost-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for CLU 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
Product Categories/Family for CLU recombinant protein	Apoptosis

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NCBI AND UNIPROT INFORMATION

NCBI GI #	355594753
NCBI GeneID	1191
NCBI Accession #	NP_001822.3
NCBI GenBank Nucleotide #	NM_001831.3
UniProt Accession #	P10909; P11380; P11381; Q2TU75; Q5HYC1; Q7Z5B9; B2R9Q1; B3KSE6; AAB25217
Molecular Weight	27.8 kDa
NCBI Official Full Name	clusterin preproprotein
NCBI Official Synonym Full Names	clusterin
NCBI Official Symbol	CLU
NCBI Official Synonym Symbols	CLI; AAG4; APOJ; CLU1; CLU2; KUB1; SGP2; APO-J; SGP-2; SP-40; TRPM2; TRPM-2; NA1/NA2
NCBI Protein Information	clusterin
UniProt Protein Name	Clusterin
UniProt Gene Name	CLU
UniProt Synonym Gene Names	APOJ; CLI; KUB1; Apo-J; CLI; TRPM-2
UniProt Entry Name	CLUS_HUMAN

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