

Recombinant human CLU protein (23-449aa), N-6×His-tagged

Cat. No. CLU-13H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CLu protein (23-449aa), fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	23-449
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	Liquid
Molecular Mass	54.1 kDa (463aa)
AA Sequence	MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGS DQTVSDNELQEMSNQG SKYVNKEIQNAVNGVKQIKTLIEKTNEERKTLLSNLEEAKKKKEDALNETRESETKLK ELPGVCNETMMALWEECKPCLKQTCMKFYARVCRSGSLVGRQLEEF LNQSSPFY FWMNGDRIDSLEND RQQTHMLDVMQDHFSRASSIIDE LFQDRFFTREPQDTYHYL PFSLPHRRPHFFFPKSRIVRSLMPFSPYEPLNFHAMFQPFLEMIHEAQQAMD IHFHS PAFQHPPTEFIREGDDDR TVCREIRHNSTGCLRMKDQCDKCREILSVDCSTNNPSQ

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AKLRRELDQSLQVAERLTRKYNELLKSYQWKMLNTSSLLEQLNEQFNWVSRLANLT
QGEDQYYLRVTTVASHTSDSDVPSGVTEVVVKLFSDPITVTPVEVSRKNPKFMET
VAEKALQEYRKKHREE

Purity >85% by SDS-PAGE

Applications SDS-PAGE

Storage Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -80 centigrade. Avoid repeated freezing and thawing cycles.

Concentration 0.5 mg/mL (determined by Bradford assay)

Storage Buffer 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

GENE INFORMATION

Gene Name CLU clusterin [Homo sapiens (human)]

Official Symbol CLU

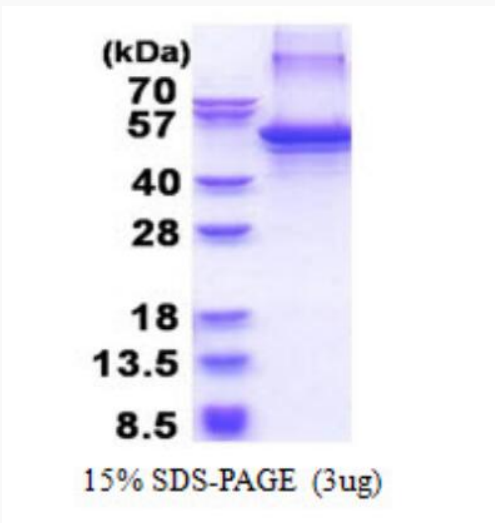
Synonyms CLU; clusterin; APOJ, CLI, clusterin (complement lysis inhibitor, SP 40,40, sulfated glycoprotein 2, testosterone repressed prostate message 2, apolipoprotein J); apolipoprotein J; complement lysis inhibitor; KUB1; SGP 2; SP 40; sulfated glycoprotein 2; testosterone repressed prostate message 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
SDS-PAGE	 15% SDS-PAGE (3ug)