

CLU, 23-449aa Human, His tag, E.coli

Cat.NO.: TP01653

3th Edition

Synonyms:Clusterin, CLI, AAG4, APOJ, KUB1, SGP2, SGP-2, SP-40, TRPM2, TRPM-2, MGC24903

Description:CLU, also known as clusterin, 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. Recombinant human CLU protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

Molecular Weight:54.1 kDa (463aa)

Sequences:

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSDQTVSDNELQEMSNQGSKYVNKEIQNAVNGVKQIKT
LIEKTNEERKTLLSNLEEAKKKKEDALNETRESETKLKELPGVCNETMMALWEECKPCLKQTCMKFYARVCRSGSG
LVGRQLEEFNLQSSPFYFWMNGDRIDSLENDRQQTHMLDVMQDHFSRASSIIDELFQDRFFTREPQDTYHYLPFS
LPHRRPHFFFFPKSRIVRSLMPFSPYEPLNFHAMFQPFLEMIHEAQQAMDIHFHSPAFQHPPTFEIREGDDDRTVCRE
IRHNSTGCLRMKDQCDKCREILSVCSTNNPSQAKLRRELDESQVAERLTRKYNELLKSYQWKMLNTSSLLEQLN
EQFNWVSRLANLTQGEDQYYLRVTTVASHTSDSDVPSGVTEVVVKLFDSDPITVTPVEVSRKNPKFMETVAEKAL
QEYRKKHREE

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.