

RPB180Ra01 100µg
Recombinant Clusterin (CLU)
Organism Species: *Rattus norvegicus* (Rat)
Instruction manual

FOR RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Ser227~Glu447

Tags: N-terminal His Tag

Subcellular Location: Nucleus, Secreted, Cytoplasm

Purity: > 97%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.

Original Concentration: 400µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 5.3

Predicted Molecular Mass: 26.8kDa

Accurate Molecular Mass: 26kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

SLMP LSHYGPLSFH NMFQPFDMI
HQAQQAMDVQ LHSPALQFPD VDFLKEGEDD PTVCKEIRHN STGCLKMKGQ
CEKCQEILSV DCSTNNPAQA NLRQELNDSL QVAERLTQY NELLHSLQSK
MLNTSSLLEQ LNDQFTWVSQ LANLTQGDDQ YLRVSTVTTH SSDSEVPSRV
TEVVVKLFDS DPITVVLPPE VSKDNPkFMD TVAEKALQEY RRRSRME

[IDENTIFICATION]

2AGCTCATGCTCTCTGCGCTAGCGGCTCTGAGCTTTCAGCATGTTCAGGCTTTCATTGATGATACAGCAAGCTCAGAGGCGCATGGAAGCTCAGCTCCATAGCGCACTTTTCAAGTTCCGAGTGTGGATTTCCTTAAAGAGAGTGAAGTGAAGCCACAGTGTGCAGAGAGTCCGACATACTCCACAGGATGCTGAGG
S L M P L S H Y G P L S F H N M F Q P P F D M I H Q A Q Q A M D V Q L H S P A L Q F P D V D F L K E G E D D R T V C K E I R H N S T G C L K

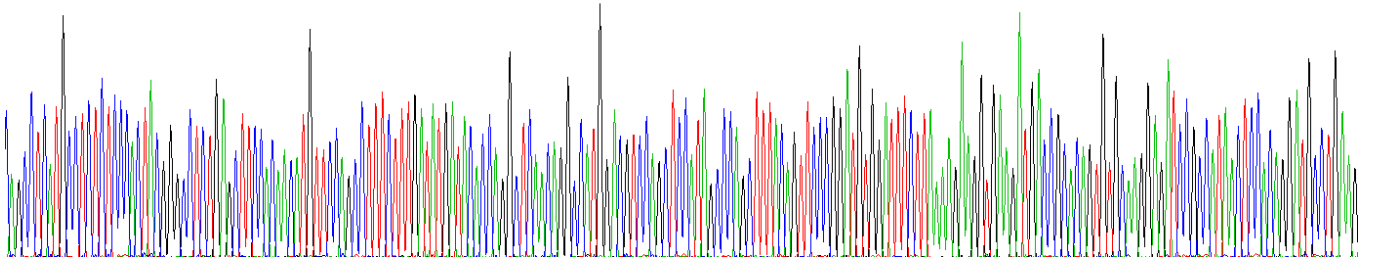
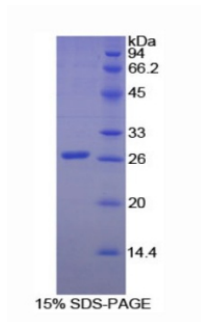


Figure. Gene Sequencing (Extract)



[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.