

Recombinant Clusterin (CLU) Instruction Manual

SIPB333Ra01

Rattus norvegicus (Rat)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Nucleus, Secreted, Cytoplasm
Predicted Molecular Mass	26.8kDa
Accurate Molecular Mass	26kDa(Analysis of differences refer to the manual)
Residues & Tags	Ser227~Glu447 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 97%
Isoelectric Point	5.3
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

```
SLMP LSHYGPLSFH NMFQFFDMI  
HQAQQAMDVQ LHSPALQFPD VDFLKEGEDD PTVCKEIRHN STGCLKMKGQ  
CEKCQEILSV DCSTNNPAQA NLRQELNDSL QVAERLTQQY NELLHSLQSK  
MLNTSSLLEQ LNDQFTWVSQ LANLTQGDDQ YLRVSTVTTH SSDSEVPSRV  
TEVVVKLFDS DPITVVLPEE VSKDNPKFMD TVAEKALQEY RRKSRME
```

USAGE

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

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

