

Recombinant Pig CLU protein, His-tagged

Cat. No. CLU-5776P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pig CLU aa. (Ile229~Glu446 (Accession # Q29549)) fused with N-terminal His tag was produced in E. coli cells.
Species	Pig
Source	E.coli
ProteinLength	Ile229~Glu446
Description	This gene encodes a protein that is similar to the human clusterin protein, a secreted chaperone that can also be found in the cell cytosol under certain stress conditions. The human protein has been suggested to be involved in several basic biological events such as cell death, tumor progression, and neurodegenerative disorders.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 26.6kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.
Applications	SDS-PAGE; WB; ELISA; IP.

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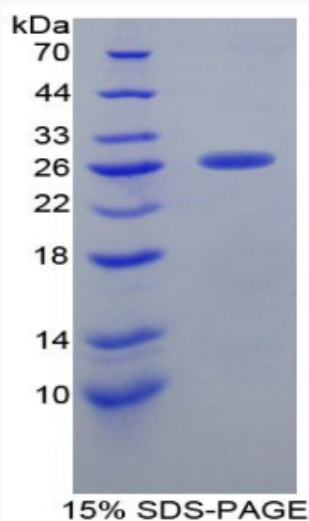
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
GENE INFORMATION	
Gene Name	CLU clusterin [<i>Sus scrofa</i> (pig)]
Official Symbol	CLU
Synonyms	CLI; CP40; complement cytolysis inhibitor; clusterin
Gene ID	397025
mRNA Refseq	NM_213971.1
Protein Refseq	NP_999136.1
UniProt ID	Q29549

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SDS-PAGE



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