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Clusterin Protein (CLU) (AA 22-226) (His tag)



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Quantity:	100 μg
Target:	Clusterin (CLU)
Protein Characteristics:	AA 22-226
Origin:	Rat
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Clusterin protein is labelled with His tag.

Product Details

Sequence:	Glu 22-Arg 226
Characteristics:	A DNA sequence encoding the Rat Clusterin/ApoJ protein (P05371) (Glu 22-Arg 226) was expressed with N-His tag.
Purity:	> 95 % as determined by reducing SDS-PAGE.

Target Details

Target:	Clusterin (CLU)
Alternative Name:	Clusterin (CLU Products)
Background:	Abbreviation: Clusterin, ApoJ
	Target Synonym: Clusterin, Aging-Associated Gene 4 Protein, Apolipoprotein J, Apo-
	J,Complement Cytolysis Inhibitor,CLI,Complement-Associated Protein SP-40,Ku70-Binding
	Protein 1,NA1/NA2,Testosterone-Repressed Prostate Message 2,TRPM-

2.CLU.	APOJ	.CLI	.KUB1	,AAG4,A	AΡ

Background: Clusterin is a secreted protein which belongs to the Clusterin family. Clusterin is expressed in adult testis, heart, ovary, adrenal gland, brain and liver. Clusterin has been suggested to be involved in several basic biological events such as cell death, tumor progression, and neurodegenerative disorders. In addition, Clusterin is up/down regulated on the mRNA or protein level in many pathological and clinically relevant situations including cancer, organ regeneration, infection, Alzheimer disease, retinitis pigmentosa, myocardial infarction, renal tubular damage, autoimmunity and others.

Molecular Weight:

Calculated MW: 22.44 kDa

Observed MW: 28 kDa

UniProt:

P05371

Pathways:

Apoptosis, Negative Regulation of intrinsic apoptotic Signaling

Application Details

Restrictions:

For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months