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Datasheet for ABIN7519882  
**Clusterin Protein (CLU) (His tag)**

### Overview

Quantity:	100 µg
Target:	Clusterin (CLU)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Clusterin protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human Clusterin/Apo-J/CLU Protein
Sequence:	DQTVSDNELQ EMSNQGSKYV NKEIQNAVNG VKQIKTLIEK TNEERKTLLS NLEEAKKKKE DALNETRESE TKLKELPGVC NETMMALWEE CKPCLKQTCM KFYARVCRSG SGLVGRQLEE FLNQSSPFYF WMNGDRIDSL LENDRQQTHM LDVMQDHFSR ASSIIDELFQ DRFFTREPQD TYHYLPFSLP HRRPHFFFPK SRIVRSLMPF SPYEPLNFHA MFQPFLEMIH EAQQAMDIHF HSPAFQHPPT EFIREGDDDR TVCREIRHNS TGCLRMKDQC DKCREILSVD CSTNNPSQAK LRREDESQ VAERLTRKYN ELLKSYQWKM LNTSSLLEQL NEQFNWVSRL ANLTQGEDQY YLRVTTVASH TSDSDVPSGV TEVWVKLFDS DPITVTPVE VSRKNPKFME TVA EKALQEY RKKHREE
Specificity:	Asp23-Arg227(βchain)&Ser228-Glu449(αchain)
Purity:	> 85 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	< 0.1 EU/µg of the protein by LAL method.

## Target Details

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Target:	Clusterin (CLU)
Alternative Name:	Clusterin/Apo-J/CLU ( <a href="#">CLU Products</a> )
Background:	<p>Description: The protein encoded by this gene 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.</p> <p>Name: CLU,AAG4,APO-J,APOJ,CLI,CLU1,CLU2,KUB1,NA1/NA2,SGP-2,SGP2,SP-40,TRPM-2,TRPM2,clusterin,Clusterin alpha chain</p>
Gene ID:	1191
UniProt:	<a href="#">P10909</a>
Pathways:	<a href="#">Apoptosis</a> , <a href="#">Negative Regulation of intrinsic apoptotic Signaling</a>

## Application Details

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Restrictions: For Research Use only

## Handling

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Format:	Lyophilized
Reconstitution:	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
Buffer:	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Storage:	-20 °C,-80 °C
Storage Comment:	<p>Store the lyophilized protein at -20°C to -80 °C for long term.</p> <p>After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.</p>