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Datasheet for ABIN7519881
Clusterin Protein (CLU) (His tag)

Overview

Quantity:	20 µg
Target:	Clusterin (CLU)
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Clusterin protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse Clusterin/Apo-J/CLU Protein
Sequence:	GEQEVSDNEL QELSTQGSRY INKEIQNAVQ GVKHIKTLIE KTNAERKSLN NSLEEAKKKK EDALEDTRDS EMKLFKAFPEV CNETMMALWE ECKPCLKHTC MKFYARVCRS GSGLVGQQLE EFLNQSSPFY FWMNGDRIDS LLES DRQQSQ VLDAMQDSFA RASGIIDTLF QDRFFARELH DPHYFSPIGF PHKRPHFLYP KSRLVRS LMS PSHYGPPSFH NMFQPF FEMI HQAQQAMDVQ LHSPAFQFPD VDFLREGEDD RTVCKEIRRN STGCLKMKGQ CEKQCEILSV DCSTNNPAQA NLRQELNDSL QVAERLTEQY KELLQSFQSK MLNTSSLLEQ LNDQFNWVSQ LANLTQGEDK YYLRVSTVTT HSSDSEVPSR VTEVVVKLFD SDPITVVLPE EVSKDNP KFM DTVAEKALQE YRRKSRAE
Specificity:	Gly21-Glu448
Purity:	> 95 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	<0.1EU/µg

Target Details

Target:	Clusterin (CLU)
Alternative Name:	Clusterin/Apo-J/CLU (CLU Products)
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: AAG4,APO-J,APOJ,CLI,CLU1,CLU2,KUB1,NA1/NA2,SGP-2,SGP2,SP-40,TRPM-2,TRPM2,CLU</p>
Gene ID:	12759
UniProt:	Q06890
Pathways:	Apoptosis , Negative Regulation of intrinsic apoptotic Signaling

Application Details

Restrictions: For Research Use only

Handling

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:	Store the lyophilized protein at -20°C to -80°C for 12 months. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.