9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

Clusterin Canine, HEK

Clusterin Canine Recombinant, HEK
CYK0111

Product Overview

Name	Clusterin Canine, HEK
Description	
Clusterin Canine Recombinant, HEK	
Accession (Primary)	P25473
Synonyms	
CLI, AAG4, KUB1, SGP2, SGP-2, SP-40, TRPM2, MGC24903, Clusterin, Glycoprotein 80, Gp80, CLU.	
Introduction	
Clusterin mRNA and Clusterin protein are shown to increase with androgen treatment. Binding of clusterin to the LDL-Receptor plays a role in the pathogenesis of membranous glomerulonephritis. Clusterin is down regulated in CaP in association with matched benign controls. Clusterin is involved in cellular senescence and tumorigenesis. Clusterin is involved in photo-oxidative cell death pathway. Clusterin is a functional tumor marker for the diagnosis of pediatric large cell lymphoma. Clusterin is activated in low pH. Clusterin is involved in the inhibition of NF-kappaB signaling through stabilization of IkappaBs thus results in suppression of tumor cell motility. N-terminal deletion of clusterin is vital for its alterations of biogenesis in esophageal squamous cell carcinoma.	
Source	
Human Embryonic Kidney 293 Cells.	
Physical Appearance	
Filtered White lyophilized (freeze-dried) powder.	
Formulation	
Canine Clusterin was filtered (0.4 µm) and lyophilized from 0.5mg/ml solution containing 20mM Tris buffer and 20mM NaCl, pH 7.5.	
Stability	
Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.	
Purity	
Greater than 95% as determined by SDS PAGE.	
Amino acid sequence	

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PGDYKDDDDK PAG DQAVSDT ELQEMSTEGS KYINKEIKNA LKGVKQIKTL IEQTNEERKS LLSNLEEAKK KKEDALNDTK DSETKLKASQ GVCNDTMMAL WEECKPCLKQ TCMKFYARVC RSGSGLVGHQ LEEFLNQSSP FYFWMNGDRI DSLLENDRQQ THALDVMQDS FNRASSIMDE LFQDRFFTRE PQDTYHYSPF SLFQRRPFFN PKFRIARNII PFPRFQPLNF HDMFQPFFDM IHQAQQAMDV NLHRIPYHFP IEFPEEDNRT VCKEIRHNST GCLKMKDQCE KCQEILSVDC SSNNPAQVQL RQELSNSLQI AEKFTKLYDE LLQSYQEKMF NTSSLLKQLN EQFSWVSQLA NLTQSEDPFY LQVTTVGSQT SDSNVPVGFT KVVVKLFDSD PITVMIPEAV SRNNPKFMET VAEKALQEYRQKHREE.

Solubility

It is recommended to add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it on cell culture.

Precautions

Clusterin Canine, HEK is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P25473)