

Clusterin Canine Recombinant, HEK

Item Number	rAP-0323
Synonyms	CLI, AAG4, KUB1, SGP2, SGP-2, SP-40, TRPM2, MGC24903, Clusterin, Glycoprotein 80, Gp80, CLU.
Description	Clusterin Canine Recombinant produced in HEK293 cells is a glycosylated, Polypeptide chain containing 436 amino acids and having a molecular mass of 50.72 kDa. The protein is fused with 13 amino acid Flag tag at N-Terminus. The Apolipoprotein-J Canine is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P25473
Amino Acid Sequence	PGDYKDDDDK PAGDQAVSDT ELQEMSTEGS KYINKEIKNA LKGVKQIKTL IEQTNEERKS LLS-NLEEAKK KKEDALNDTK DSETKLKASQ GVCNDTMMAL WEECKPCLKQ TCMKFYARVC RSGSGLVGHQ LEEFLNQSSP FYFWMNGDRI DSLENDRQQ THALDVMQDS FNRASSIMDE LFQDRFFTRE PQDTYHYSPF SLFQRRPFFN PKFRIARNII PFPFRQPLNF HDMFQPFFDM IH-QAQQAMDV NLHRIPYHFP IEFPEEDNRT VCKEIRHNST GCLKMKDQCE KCQEILSVDC SSNNPAQVQL
Source	Human Embryonic Kidney 293 Cells.
Physical Appearance and Stability	Filtered White lyophilized (freeze-dried) powder. 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.
Formulation and Purity	Canine Clusterin was filtered (0.4µm) and lyophilized from 0.5mg/ml solution containing 20mM Tris buffer and 20mM NaCl, pH 7.5. Greater than 95% as determined by SDS PAGE.
Application	
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.
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**