



Cystatin-C Canine Recombinant

Item Number	rAP-3117
Synonyms	Cystatin-C, Cystatin-3, Neuroendocrine basic polypeptide, Gamma-trace, Post-gamma-globulin, CST3, MGC117328.
Description	Cystatin-C Protein is a 14.85 kDa protein containing 133 amino acids fused to a 8 aa N-Terminal His-tag.
Uniprot Accession Number	
Amino Acid Sequence	MKHHHHHHAS PGAGRRGRSRP GAVGGAVDAD VGEEGVQQAL DFAVREYNRA SNDAYHSRAL RVLARKQVV SGMNYFLEVE IGRTRCTKSQ PNLDNCPFHD QPHLMRKTLC SFQIYVTPWL GKTSLVKSSC QDV.
Source	E. coli
Physical Appearance and Stability	Store lyophilized Cystatin-C K9 at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted Cystatin-C 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	K9 Cystatin-C was filtered (0.4µm) and lyophilized from 0.5mg/ml supplied in 20mM TRIS, 50mM NaCl, pH 7.5. Purity is greater than 95% as visualized by SDS-PAGE.
Application	
Solubility	Add deionized water to prepare a working stock solution of 0.5 mg/ml and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.
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**