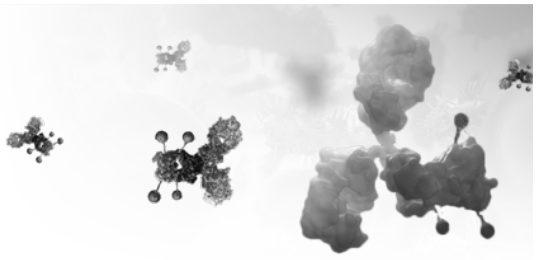

Recombinant Canine Cystatin C Protein (a.a. 29-153) [His] (DAGC103)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Total 133 AA. MW: 14,85 kDa (calculated). N-Terminal His-tag, 8 extra AA (highlighted).
Species	Canine
Purity	>95% as determined by densitometric image analysis
Conjugate	His
Applications	WB
Molecular Weight	14.85 kDa
Reconstitution	Add 200 µl of deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely. Filter sterilize your culture media/working solutions containing this non-sterile product before using in cell culture.
Endotoxin	< 1.0 EU/ug
Format	Lyophilized
Size	0.1 mg
Buffer	Filtered (0.4 µm) and lyophilized in 0.5 mg/mL in 20mM TRIS, 50mM NaCl, pH 7.5
Preservative	None
Storage	Store the lyophilized protein at –80°C. Lyophilized protein remains stable until the expiry date when stored at –80°C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at –80°C for long term storage. Reconstituted protein can be stored at 4°C for a week.

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Ship	At ambient temperature.

BACKGROUND

Introduction	Cystatin C or cystatin 3 (formerly gamma trace, post-gamma-globulin, or neuroendocrine basic polypeptide), a protein encoded by the CST3 gene, is mainly used as a biomarker of kidney function. Recently, it has been studied for its role in predicting new-onset or deteriorating cardiovascular disease. It also seems to play a role in brain disorders involving amyloid (a specific type of protein deposition), such as Alzheimer's disease.
Keywords	Cystatin C; CST3; Canine Cystatin C; Canine CST3

GENE INFORMATION

Protein Refseq	MKHHHHHHASPGAGRRGSRPGAVGGAVDADVGEEGVQQALDFAVREYNRASNDAYHSRALRVLRARK

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