9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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CST4 Human, sf9

Cystatin 4 Human Recombinant, sf9
RCP0571

Product Overview

Name	CST4 Human, sf9
Description	
Cystatin 4 Human Recombinant, sf9	
Accession (Primary)	P01036
Synonyms	
Cystatin S, Salivary Acidic Protein 1, Cystatin-SA-III, Cystatin-4, Cystatin 4, Cystatin-S.	
Introduction	
CST4 is a member of the cystatin superfamily which contains proteins that hold multiple cystatin-like sequences. Several family members are active cysteine protease inhibitors, whereas others have lost or possibly never attained this inhibitory activity. CST4 strongly inhibits papain (non-competitively) and ficin, partially inhibits stem bromelain and bovine cathepsin C, however does not inhibit porcine cathepsin B or clostripain.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
CST4 protein solution (1mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
ADP MSSSKEE NRIIPGGIYD ADLNDEWVQR ALHFAISEYN KATEDEYYRR PLQVLRAREQ TFGGVNYFFD VEVGRTICTK SQPNLDTCAF HEQPELQKKQ LCSFEIYEVP WEDRMSLVNS R CQE A HHHHH H .	
Precautions	
CST4 Human, sf9 is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (P01036)