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DATA SHEET

Cystatin 4 Human Recombinant, sf9

Item Number	rAP-3122
Synonyms	Cystatin S, Salivary Acidic Protein 1, Cystatin-SA-III, Cystatin-4, Cystatin 4, Cystatin-S.
Description	CST4 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 131 amino acids (21-141 a.a.) and having a molecular mass of 15.4kDa (Migrates at 13.5-18kDa on SDS-PAGE under
Uniprot Accesion Number	P01036
Amino Acid Sequence	ADPMSSSKEE NRIIPGGIYD ADLNDEWVQR ALHFAISEYN KATEDEYYRR PLQVLRAREQ TFGGVNYFFD VEVGRTICTK SQPNLDTCAF HEQPELQKKQ LCSFEIYEVP WEDRMSLVNS RCQEAHHHHH H.
Source	Sf9, Baculovirus cells.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	CST4 protein solution (1mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
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