

## Cystatin 9 Human Recombinant

<b>Item Number</b>	rAP-3133
<b>Synonyms</b>	CLM, cystatin-9 (testatin), Cystatin-like molecule.
<b>Description</b>	CST9 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 152 amino acids (29-159) and having a molecular mass of 17.2 kDa. CST9 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	Q5W186
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MWCSEEMGG NNKIVQDPMF LATVEFALNT FNVQSKEEHA YRLLRVLSSW REDSMDRKWR GKMVFSMNLQ LRQTVCRKFE DDIDNCPFQE SLELNVRQG ISFPQVHSCG CCMGCGVGTG AADKAIPRDK GK.
<b>Source</b>	E.coli.
<b>Physical Appearance and Stability</b>	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.
<b>Formulation and Purity</b>	The CST9 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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**