

Cystatin E/M Human Recombinant

Item Number	rAP-3132
Synonyms	Cystatin E/M, cystatin 6, Cystatin M, Cystatin-E, Cysteine proteinase inhibitor.
Description	CST6 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 142 amino acids (29-149) and having a molecular mass of 15.9 kDa. The CST6 is fused to a 21 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q15828
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MRPQERMVGE LRDLSRDDPQ VQKAAQAAVA SYNMGNSIY YFRD- THIIKA QSQLVAGIKY FLTMEMGSTD CRKTRVTGDH VDLTTCPLAA GAQQEKLRCDFEVLVVPWQN SSQLLKHNCV QM.
Source	E.coli.
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	The CST6 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 0.1M NaCl and 10% glycerol. Greater than 95% 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**