

Cystatin 7 Human Recombinant

Item Number	rAP-3120
Synonyms	Cystatin-F, Cystatin-7, Cystatin-like metastasis-associated protein, CMAP, Leukocystatin, Cystatin 7, CST7, CMAP.
Description	CST7 Human Recombinant produced in E. coli is a single polypeptide chain containing 132 amino acids (20-145) and having a molecular mass of 15.3kDa. CST7 is fused to a 7 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	O76096
Amino Acid Sequence	GPSPDTCSD LNSRVKPGFP KTIKTNDPGV LQAARYSVEK FNNCTNDMFL FKESRITRAL VQIV-KGLKYM LEVEIGRTTC KKNQHLRLDD CDFQTNHTLK QTLSCYSEVW VVPWLQHFV PVL RCHHHHHH HH.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear 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 CST7 solution (0.5mg/1ml) contains phosphate buffered saline (pH7.4). 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**