

Cystatin-C Mouse Recombinant

Item Number	rAP-3129
Synonyms	Post G-globulin, CST 3, CST3, Gamma-Trace, Cystatin 3, Amyloid Angiopathy and Cerebral Hemorrhage, Cystatin-C precursor, neuroendocrine basic polypeptide.
Description	Cystatin-C Murine Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 134 amino acids and having a molecular mass of 15kDa. The Mouse Cystatin-C is fused to His tag at N-Terminus. The Mouse Cystatin-C is purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P21460
Amino Acid Sequence	MRGSHHHHHH GMASATPKQG PRMLGAPEEA DANEEGVRRA LDFAVSEYNK GSNDAYHSRA IQVVRARKQL VAGVNYFLDV EMGRTTCTKS QTNLTDCPFH DQPHLMRKAL CSFQIYSVPW KGTHSLT-KFSCKNA.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time.
Formulation and Purity	The sterile filtered concentrated (0.5mg/ml) protein solution was lyophilized with 20mM Tris & 50mM NaCl pH-7.5. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	Add 0.1M Acetate buffer pH 4 to a working concentration of 0.5mg/ml and let the lyophilized pellet dissolve completely.
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**