

Cystatin C Rat Recombinant

Item Number	rAP-3126
Synonyms	Cystatin-C, Cystatin-3, CYSC, MGC105556.
Description	Total 134 AA, Mw: 14.93 kDa (calculated). N-terminal His-tag (14AA).
Uniprot Accession Number	P14841
Amino Acid Sequence	MRGSHHHHHH GMASGTSRPP PRLLGAPQEA DASEEGVQRA LDFAVSEYNK GSNDAYHSRA IQVVRARKQLVAGINYYLDV EMGRTTCTKS QTNLTNCPFH DQPHLMRKAL CSFQIYVSPW KGTHTLT- KSS.
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; it does not show any change after two weeks at 4°C.
Formulation and Purity	Filtered (0.4 micron) and lyophilized from 0.5 mg/ml in 0.03M Acetate buffer, pH 4. Greater than 96% as determined by SDS-PAGE.
Application	
Solubility	Add 0.2 ml of 0.1M Acetate buffer pH4 and let the lyophilized pellet dissolve completely. For conversion into higher pH value, we recommend intensive dilution by relevant buffer to a concentration of 0.1mg/ml. In higher concentrations the solubility of th
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**