

Recombinant Human cystatin C Protein

Cat. No. GST1-1025H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human cystatin C antigen with an N-terminal histidine tag. Predicted molecular weight: 16 kDa
Species	Human
Source	E.coli
Description	Cystatin C is a non-glycosylated cysteine protease inhibitor, which is produced by all nucleated cells. The concentration of serum cystatin C correlates with glomerular filtration rate (GFR), and cystatin C is used as a biomarker for kidney function.
Form	Lyophilized
Bio-activity	Not applicable (N/A)
Molecular Mass	16 kDa
AA Sequence	MGSSHHHHHHSSGLVPRGSHMSSPGKPPRLVGGPMDASVEEEGVRRALDFAVGE YNKASNDMYHS RALQVVRARKQIVAGVNYFLDVELGRTTCTKTQPNLDNCPFHDQ PHLKRKAFCSFQIYAVPWQGT MTLKSTCQDA
Storage	2–8centigrade
Concentration	0.5 mg/ml when reconstituted with 200 µof deionized water

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Buffer	50 mM Tris-HCl, pH 7.5, 150 mM NaCl; containing 6 % sucrose as a stabilizer
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Reconstitution	Reconstitute the lyophilized protein with 200 µl of deionized water
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GENE INFORMATION

Official Symbol	GST1
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