
Cystatin C

Human, Recombinant, *E. coli*

Cat. No.: RCP9434

Size:

10µg

Synonym: Gamma-Trace; Neuroendocrine basic polypeptide; Post-gamma-globulin.

Description: Cystatin C is a member of the Type 2 cystatin superfamily. It is a potent inhibitor of cysteine proteinases, both endogenous (lysosomal cathepsins), and pathogenic. Cystatin C is found in high concentrations in biological fluids and is expressed by all human nucleated cells. Changes in cystatin C have been documented in a number of cardiovascular diseases, including atherosclerosis, amyloid angiopathy and myocardial infarction.

RANDOX recombinant Cystatin C comprises a 120 amino acid fragment (27-146) corresponding to the mature Cystatin C protein and is expressed in *E. coli* with an amino-terminal hexahistidine tag. This product is for research use only and is not intended for diagnostic or therapeutic use.

Form: Liquid.

Supplied in 1x Laemmli Buffer (25mM Tris-HCl pH6.8, 50mM DTT, 1% (w/v) SDS, 0.1% (w/v) Bromophenol Blue, 2.5% Glycerol).

Purity: Single band on Western blot.

References: Laterza, O.F. *et al.* (2002) *Clinical Chemistry* **48** : 699-707.

Kyhse-Anderson, J. *et al.* (1994) *Clinical Chemistry* **40** : 1921-1926.