

**Cystatin C**

**Human, Recombinant, *E. coli***

<b>Cat. No.:</b> RCP9435	<b>Size:</b>	10µg
RCP9436		100µg
RCP9437		1000µg

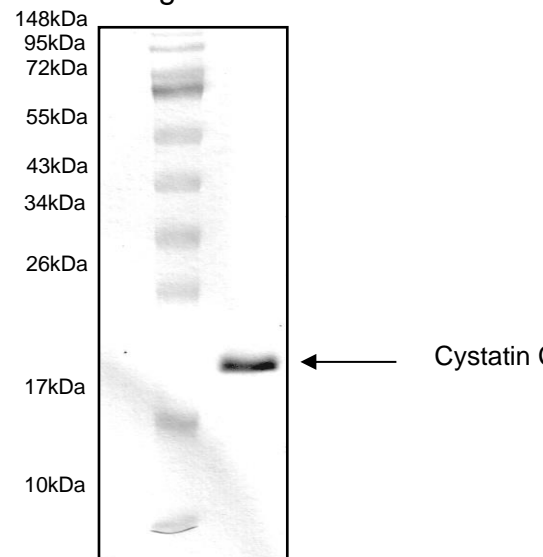
**Synonym:** Gamma-Trace; Neuroendocrine basic polypeptide; Post-gamma-globulin

**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

**Purity:** >95% by SDS-PAGE



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

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