

## Product datasheet for **TP727587**

### Cystatin C (CST3) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Cystatin C/CST3 (E.coli)
Species:	Human
Expression cDNA Clone or AA Sequence:	Gly26-Ala146
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM Hepes,150mM NaCl,1mM EDTA,Ph7.4.
Note:	Recombinant Human Cystatin C is produced by our E.coli expression system and the target gene encoding Gly26-Ala146 is expressed.
Stability:	12 months from date of despatch
Locus ID:	1471
UniProt ID:	<a href="#">P01034</a>
Summary:	Cystatin C is a member of family 2 of the cystatin superfamily. It is ubiquitous in human tissues and body fluids and mainly used as a biomarker of kidney function. Cystatin C inhibits many cysteine proteases such as papain and Cathepsins B, H, K, L and S. As an inhibitor of cysteine proteinases, Cystatin C is thought to serve an important physiological role as a local regulator of this enzyme activity. Recently, it has been studied for its role in predicting new-onset or deteriorating cardiovascular disease. It also seems to play a role in brain disorders involving amyloid (a specific type of protein deposition), such as Alzheimer's disease.



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