

Native Human Cystatin C (Cystatin 3)

Cat. No. CST3-8100H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human Cystatin C (Cystatin 3) was purified from Human Urine - chronic protein renal tubular proteinuria.
Species	Human
Source	Human Urine
Description	Cystatin C is a marker for allograft function in adult transplant patients. Cystatin C regulates extracellular cysteine protease activity, which results from microbial invasion or release of lysosomal proteinases from dying or diseased cells. It is freely filtered by the glomerular basement membrane (GBM) and serum concentration has been shown to correlate well with glomerular filtration rate (GFR).
Form	Frozen Liquid
Molecular Mass	13 kDa
Purity	>95% pure by SDS PAGE
Storage	-20°C

GENE INFORMATION

Gene Name	CST3 cystatin C [Homo sapiens]
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Official Symbol	CST3
Synonyms	CST3; cystatin C; cystatin C (amyloid angiopathy and cerebral hemorrhage); cystatin-C; cystatin 3; cystatin-3; gamma-trace; post-gamma-globulin; bA218C14.4 (cystatin C); neuroendocrine basic polypeptide; ARMD11; MGC117328;
Gene ID	1471
mRNA Refseq	NM_000099
Protein Refseq	NP_000090
MIM	604312
UniProt ID	P01034
Chromosome Location	20p11.2
Pathway	Amyloids, organism-specific biosystem; Disease, organism-specific biosystem; Salivary secretion, organism-specific biosystem; Salivary secretion, conserved biosystem;
Function	beta-amyloid binding; cysteine-type endopeptidase inhibitor activity; endopeptidase inhibitor activity; protease binding; protein binding;

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