

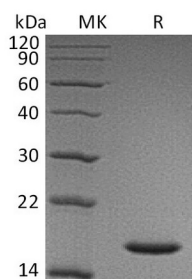
Product Name: Recombinant Human CST1 (C-6His)
Catalog #: PHH0502



Summary

Name	Cystatin SN
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Cystatin SN is produced by our Mammalian expression system and the target gene encoding Trp21-Ser141 is expressed with a 6His tag at the C-terminus.
Accession #	P01037
Host	Human Cells
Species	Human
Predicted Molecular Mass	15.35 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM MES, 150mM NaCl, pH 5.5.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image



Background

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Alternative Names

Cystatin-SN; Cystain-SA-I; Cystatin-1; Salivary Cystatin-SA-1; CST1

Background

Cystatin-SN is a member of family 2 of the Cystatin superfamily and a cysteine proteinase inhibitor found in saliva, tears, urine, and seminal fluid. Together with Cystatins S and SA, it is produced by the salivary gland and secreted largely in the submandibular/sublingual saliva. Cystatin-SN inhibits members of the Papain family including Cathepsins B, C, H and L.

Note

For Research Use Only , Not for Diagnostic Use.