

Recombinant Human CST1 protein, His-tagged

Cat. No. CST1-3914H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CST1 protein(P01037-1)(Met1-Ser141), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Ser141
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The secreted recombinant human CST1 consists of 132 amino acids and has a calculated molecular mass of 15.6 kDa. It migrates as an approximately 17 kDa band in SDS-PAGE under reducing conditions as predicted.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 97 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name CST1 cystatin SN [Homo sapiens]

Official Symbol CST1

Synonyms CST1; cystatin SN; cystatin-SN; cystatin 1; cystatin-1; cystain-SA-I; cystatin SA-I; salivary cystatin-SA-1; cysteine proteinase inhibitor, type 2 family;

Gene ID 1469

mRNA Refseq NM_001898

Protein Refseq NP_001889

MIM 123855

UniProt ID P01037

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