

Recombinant Human CST1 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human CST1 protein(P01037-1) (Met 1-Ser 141) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-141 aa
Form	Lyophilized from sterile PBS, pH 7.4.
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	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
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.

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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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