

Recombinant Human CST1 protein, His-tagged

Cat. No. CST1-11641H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CST1 protein(24 - 141 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	24 - 141 aa
Tag	N-His
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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AA Sequence	KEEDRIIPGGIYNADLNDEWVQRALHFAISEYNKATKDDYYRRPLRVLRARQQTVGG VNYFFDVEVGRITCKTSQPNLDTCAFHEQPELQKKQLCSFEIYVWENRRSLVKSR CQES
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GENE INFORMATION

Gene Name	CST1 cystatin SN [Homo sapiens]
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Official Symbol	CST1
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Synonyms	CST1; cystatin SN; cystatin-SN; cystatin 1; cystatin-1; cystatin-SA-I; cystatin SA-I; salivary cystatin-SA-1; cysteine proteinase inhibitor, type 2 family;
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Gene ID	1469
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mRNA Refseq	NM_001898
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Protein Refseq	NP_001889
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MIM	123855
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UniProt ID	P01037
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SDS-PAGE



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