

Recombinant Human CSTL1 Protein, HIS-tagged

Cat. No. CSTL1-162H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CSTL1 fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	The cystatin superfamily encompasses proteins that contain multiple cystatin-like sequences. Some of the members are active cysteine protease inhibitors, while others have lost or perhaps never acquired this inhibitory activity. There are three inhibitory families in the superfamily, including the type 1 cystatins (stefins), type 2 cystatins and the kininogens. The type 2 cystatin proteins are a class of cysteine proteinase inhibitors found in a variety of human fluids and secretions. The cystatin locus on chromosome 20 contains the majority of the type 2 cystatin genes and pseudogenes. This gene is located at the telomeric end of the cystatin locus and encodes a type 2 cystatin-like protein. The specific function of this protein has not been determined.
Form	25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1 % Sarkosyl.
Molecular Mass	14.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	CSTL1 cystatin-like 1 [Homo sapiens (human)]
Official Symbol	CSTL1
Synonyms	CSTL1; CTES1; RCET11; dJ322G13.4; cystatin-like 1
Gene ID	128817
mRNA Refseq	NM_138283
Protein Refseq	NP_612140
UniProt ID	Q9H114

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