

CST6, human recombinant
Cystatin-M, Cystatin E/M
Catalog # PBV11478r**Specification**

CST6, human recombinant - Product info

Primary Accession	NP_001314
Concentration	0.5 mg/ml
Calculated MW	This protein is fused with a 6× His tag at N-terminus and has a calculated MW of 15.9 kDa. KDa

CST6, human recombinant - Additional Info**Other Names**

Cystatin-M, Cystatin E/M

Gene Source	Human
Source	E.coli
Assay&Purity	SDS-PAGE;≥90%
Assay2&Purity2	N/A;≥90%
Recombinant	Yes
Sequence	MGSSHHHHHH SSGLVPRGSH MRPQERMVGE LRDLSPDDPQ VQKAAQAAVA SYNMGNSIY YFRDTHIIKA QSQLVAGIKY FLTMEMGSTD CRKTRVTGDH VDLTTCPLAA GAQKEKLRC FEVLVVPWQN SSQLLKHNCV QM

Target/Specificity

CST6

Application Notes

In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol, 1mM DTT, 0.1M NaCl..

Format

Liquid

Storage

-20°C;Liquid

CST6, human recombinant - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)

- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CST6, human recombinant - Images**CST6, human recombinant - Background**

CST6 is a member of the type 2 cystatin family. Some of the members are active cysteine protease inhibitors, while cystatin E/M moderate the inhibition of cathepsin B but is not active against cathepsin C. CST6 is secretable proteins that influence osteogenesis and bone resorption, regulation of the insulin and hepatocyte growth factor receptors, and the response to systemic inflammation.