

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

CST6, human recombinant - Product infoPrimary Accession
Concentration
Calculated MW[NP_001314](#)

0.5 mg/ml

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
Source
Assay&Purity
Assay2&Purity2
Recombinant
Sequence

Human

E.coli

SDS-PAGE; ≥90%

N/A; ≥90%

Yes

MGSSHHHHHH SSGLVPRGSH MRPQERMVGE
LRDLSPDDPQ VQKAAQAAVA SYNMGNSIY
YFRDTHIIKA QSQLVAGIKY FLTMEMGSTD
CRKTRVTGDH VDLTTCPLAA GAQKEKLRCR
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 secreted proteins that influence osteogenesis and bone resorption, regulation of the insulin and hepatocyte growth factor receptors, and the response to systemic inflammation.