

**CSTA, human recombinant**  
**Cystatin-A, STF1, STFA**  
**Catalog # PBV11480r****Specification**

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**CSTA, human recombinant - Product info**Primary Accession  
Concentration  
Calculated MW[NP\\_005204](#)**1 mg/ml****This protein is fused with a 6× His tag at N-terminus and has a calculated MW of 13.1 kDa. KDa****CSTA, human recombinant - Additional Info****Other Names**

Cystatin-A, STF1, STFA

Gene Source  
Source  
Assay&Purity  
Assay2&Purity2  
Recombinant  
Sequence**Human**  
**E.coli**  
**SDS-PAGE;>95%**  
**N/A;>95%**  
**Yes**  
**MGSSHHHHHH SSGLVPRGSH MIPGGLSEAK**  
**PATPEIQEIV DKVKPQLEEK TNETYGKLEA**  
**VQYKTQVVAG TNYIKVRAG DNKYMHLKVF**  
**KSLPGQNEDL VLTGYQVDKN KDELDTGF****Target/Specificity**

CSTA

**Application Notes**

In 20 mM Tris-HCl buffer (pH8.0) containing 1mM DTT, 10% glycerol

**Format**

Liquid

**Storage**

-20°C;Liquid

**CSTA, 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](#)

**CSTA, human recombinant - Images****CSTA, human recombinant - Background**

CSTA, also known as Stefin A, is thiol protease inhibitors that form complexes with papain and the cathepsins B, H and L. The protein is one of the precursor proteins of the cornified cell envelope in keratinocytes and plays a role in epidermal development and maintenance. CSTA is thought to be a tumor suppressor, since an inverse correlation seems to exist between the level of CSTA and tumor progression, in several malignancies