



[Go to Product page](#)

Datasheet for ABIN7314804  
**CST8 Protein (AA 1-98) (His tag)**

### Overview

Quantity:	50 µg
Target:	CST8
Protein Characteristics:	AA 1-98
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CST8 protein is labelled with His tag.
Application:	ELISA, Western Blotting (WB), SDS-PAGE (SDS), Mass Spectrometry (MS)

### Product Details

Purpose:	Recombinant Mouse Cystatin 8 Protein is produced by E.coli expression system and the target gene encoding Met1-Phe98 is expressed with a 6His tag at the N-terminus.
Sequence:	MGSSHHHHHH SSGLVPRGSH MMMCGAPSAT MPATAETQEV ADQVKSQLES KENQKFDVFK AISFKRQIVA GTNLFIKVDV GGDKCVHLRV FQPLPHENKP LTLSSYQTNK ERHDELSYF
Purity:	Greater than 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

### Target Details

Target:	CST8
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## Target Details

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Alternative Name: CST8 (CST8 Products)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Buffer: Lyophilized from a 0.2  $\mu\text{m}$  filtered solution of 20 mM Tris, 150 mM NaCl, pH 7.5.

Handling Advice: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100  $\mu\text{g}/\text{mL}$ . Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage: -20 °C

Storage Comment: Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.