



[Go to Product page](#)

## Datasheet for ABIN7320506 CST8 Protein (His tag)

### Overview

Quantity:	50 µg
Target:	CST8
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CST8 protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Mouse Cystatin 8/CST8 Protein (His Tag)
Sequence:	Met1-Phe98
Characteristics:	Recombinant Mouse Cystatin-8 is produced by our E.coli expression system and the target gene encoding Met1-Phe98 is expressed with a 6His tag at the N-terminus.
Purity:	> 90 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	CST8
Alternative Name:	Cystatin 8/CST8 ( <a href="#">CST8 Products</a> )
Background:	Background: Cystatin-8 is a secreted protein which belongs to the cystatin family. It is Lower expression in the testis. Within the testis it is localized to the elongating spermatids, whereas within the epididymis it is exclusively synthesized by the proximal caput epithelium. It performs

## Target Details

---

a specialized role during sperm development and maturation.

Synonym: Cystatin-8, Cystatin-related epididymal spermatogenic protein, Cystatin-related epididymal-specific protein

---

Molecular Weight: 13.3 kDa

---

UniProt: [P32766](#)

---

## Application Details

---

Restrictions: For Research Use only

---

## Handling

---

Format: Lyophilized

---

Reconstitution: Please refer to the printed manual for detailed information.

---

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM Tris, 150 mM NaCl, pH 8.0.

---

Storage: 4 °C, -20 °C, -80 °C

---

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.