



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### CST1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00001469-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human CST1 full-length ORF ( NP\_001889.2, 1 a.a. - 141 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MAQYLSTLLLLLATALVALAWSPKEEDRIIPGGIYNADL  
NDEWVQRALHFAISEYNKATKDDYRRPLRVLRARQQ  
TVGGVNYFFDVEVGRITCTKSQPNLDTCAFHEQPELQ  
KKQLCSFEIYVWPENRRSLVKSRCQES

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 42.8

**Applications:** AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 1469

**Gene Symbol:** CST1

**Gene Alias:** -

**Gene Summary:** The cystatin superfamily encompasses proteins that contain multiple cystatin-like sequences. Some of the members are active cysteine protease inhibitors, while others have lost or perhaps never

acquired this inhibitory activity. There are three inhibitory families in the superfamily, including the type 1 cystatins (stefins), type 2 cystatins and the kininogens. The type 2 cystatin proteins are a class of cysteine proteinase inhibitors found in a variety of human fluids and secretions, where they appear to provide protective functions. The cystatin locus on chromosome 20 contains the majority of the type 2 cystatin genes and pseudogenes. This gene is located in the cystatin locus and encodes a cysteine proteinase inhibitor found in saliva, tears, urine, and seminal fluid. [provided by RefSeq]