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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CST7 (Human) Recombinant Protein (P01)

Catalog Number: H00008530-P01

Regulation Status: For research use only (RUO)

Product Description: Human CST7 full-length ORF (NP_003641.2, 1 a.a. - 167 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MLPEKALHGHPQLPRTVPTRAAMRAAGTLLAFCCCLVL
STTGGPSPDTCSQDLNSRVKPGFPKTIKTNDPGVLQA
ARYSVEKFNCTNDMFLFKESRITRALVQIVKGLKYML
EVEIGRTTCKKNQHLRLDDCDFQTNHTLKQTLSCYSE
VWVVPWLQHFVPLRCH

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 45.3

Interspecies Antigen Sequence: Mouse (74); Rat (75)

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: 8530

Gene Symbol: CST7

Gene Alias: CMAP

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. This gene encodes a glycosylated cysteine protease inhibitor with a putative role in immune regulation through inhibition of a unique target in the hematopoietic system. Expression of the protein has been observed in various human cancer cell lines established from malignant tumors. [provided by RefSeq]