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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CST4 (Human) Recombinant Protein (P01)

Catalog Number: H00001472-P01

Regulation Status: For research use only (RUO)

Product Description: Human CST4 full-length ORF (NP_001890.1, 1 a.a. - 141 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MARPLCTLLLLMATLAGALASSSKEENRIIPGGIYDADL
NDEWVQRALHFAISEYNKATEDEYYRRPLQVLRAREQ
TFGGVNYFFDVEVGRITCKSQPNLDTCAFHEQPELQ
KKQLCSFEIYVWPWEDRMSLVNSRCQEA

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 42.6

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: 1472

Gene Symbol: CST4

Gene Alias: MGC71923

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. 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 type 2 salivary cysteine peptidase inhibitor. The protein is an S-type cystatin, based on its high level of expression in saliva, tears and seminal plasma. The specific role in these fluids is unclear but antibacterial and antiviral activity is present, consistent with a protective function. [provided by RefSeq]