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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CST5 (Human) Recombinant Protein (P01)

Catalog Number: H00001473-P01

Regulation Status: For research use only (RUO)

Product Description: Human CST5 full-length ORF (NP_001891.2, 1 a.a. - 142 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MMWPMHTPLLLLLTALMVAVAGSASAQSRTLGGIHAT
DLNDKSVQCALDFAISEYNKVINKDEYYSRPLQVMAAY
QQIVGGVNYFFNVKFGRTTCTKSQPNLDNCPFNDQPK
LKEEEFCSFQINEVPWEDKISILNYKCRKV

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 42.5

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: 1473

Gene Symbol: CST5

Gene Alias: MGC71922

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 protein found in saliva and tears. The encoded protein may play a protective role against proteinases present in the oral cavity. [provided by RefSeq]