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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CST6 (Human) Recombinant Protein (P01)

Catalog Number: H00001474-P01

Regulation Status: For research use only (RUO)

Product Description: Human CST6 full-length ORF (AAH31334, 29 a.a. - 149 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

RPQERMVGEIRDLSPPDPQVQKAAQAASYNMGS
NSIYYFRDTHIIKAQSQLVAGIKYFLTMEMGSTDCRKR
VTGDHVDLTTCPAAGAQQEKLRCDFEVLVVPWQNS
SLLKHNCVQM

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 39.05

Interspecies Antigen Sequence: Mouse (71); Rat (72)

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: 1474

Gene Symbol: CST6

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. This gene encodes a cystatin from the type 2 family, which is down-regulated in metastatic breast tumor cells as compared to primary tumor cells. Loss of expression is likely associated with the progression of a primary tumor to a metastatic phenotype. [provided by RefSeq]