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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CTSO (Human) Recombinant Protein (P01)

Catalog Number: H00001519-P01

Regulation Status: For research use only (RUO)

Product Description: Human CTSO full-length ORF (AAH49206, 24 a.a. - 321 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

DSRAPFTPTWPRSREREAAAFRESLNRHRYLNSLFPS
ENSTAFYGINQFSYLFPEEFKAIYLRKPSKFPYSAEV
HMSIPNVSLPLRFDWRDKQVVTQVRNQMCGGCWA
FSVVGAVESAYAIGKPLEDLSVQQVIDCSYNNYGCN
GGSTLNALNWLNMQVKLVKDSEYPFKAQNGLCHYF
SGSHSGFSIKGYSAYDFSDQEDEMAKALLTFGPLVVIV
DAVSWQDYLGIIQHHCSSGEANHAVLITGFDKTGST
PYWIVRNSWGSSWVDGYAHVKMGSNVCGIADSVSS
IFV

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 58.52

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: 1519

Gene Symbol: CTSO

Gene Alias: CTSO1

Gene Summary: The protein encoded by the gene is a cysteine proteinase and a member of the papain superfamily. This proteolytic enzyme is involved in cellular protein degradation and turnover. The recombinant form of this enzyme was shown to degrade synthetic peptides typically used as substrates for cysteine proteinases and its proteolytic activity was abolished by an inhibitor of cyteine proteinase. [provided by RefSeq]