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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CTSE (Human) Recombinant Protein (P01)

Catalog Number: H00001510-P01

Regulation Status: For research use only (RUO)

Product Description: Human CTSE full-length ORF (AAH42537, 18 a.a. - 396 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

QGSLHRVPLRRHPTLKKLRARSQLSEFWKSHNLDMI
QFTESCSDQSAKEPLINYLDMEYFGTISIGSPPQNFT
VIFDTGSSNLWVPSVYCTSPACKTHSRFQPSQSSTYS
QPGQSFSIQYGTGSLSGIIGADQVSVEGLTVVGQQFG
ESVTEPGQTLVDAEFDGILGLGYPSLAVGGVTPVFDN
MMAQNLVDLPMFSVYMSSNPEGGAGSELIFGGYDHS
HFSGSLNWVPVTKQAYWQIALDNIQVGGTVMFCSEG
CQAIVDTGTSLITGPSDKIKQLQNAIGAAPVDGEYAVEC
ANLNVMPDVTFTINGVPYTLSPAYLLDFVDGMMQFCS
SGFQGLDIHPPAGPLWILGDVFIRQFYSVFDRGNRRV
GLAPAVP

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 67.43

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: 1510

Gene Symbol: CTSE

Gene Alias: CATE

Gene Summary: The protein encoded by this gene is a gastric aspartyl protease that functions as a disulfide-linked homodimer. This protease, which is a member of the peptidase C1 family, has a specificity similar to that of pepsin A and cathepsin D. It is an intracellular proteinase that does not appear to be involved in the digestion of dietary protein and is found in highest concentration in the surface of epithelial mucus-producing cells of the stomach. It is the first aspartic proteinase expressed in the fetal stomach and is found in more than half of gastric cancers. It appears, therefore, to be an oncofetal antigen. Transcript variants utilizing alternative polyadenylation signals and two transcript variants encoding different isoforms exist for this gene. [provided by RefSeq]