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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CTSH (Human) Recombinant Protein (P01)

Catalog Number: H00001512-P01

Regulation Status: For research use only (RUO)

Product Description: Human CTSH full-length ORF (NP_004381.2, 1 a.a. - 335 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MWATLPLLCAGAWLLGVPVCGAAELCVNSLEKFHFKS
WMSKHRKTYSTEEYHHRLQTFASNWRKINAHNNGNH
TFKMLNQFSDMSFAEIKHKYLWSEPQCNSATKSNYL
RGTGPYPSPVDWRKKGNFVSPVKNQGACGSCWTF
TTGALESAIAIATGKMLSLAEQQLVDCAQDFNNHGCG
GGLPSQAFEYILYKNGIMGEDTYPYQGKDG YCKFQPG
KAIGFVKDVANITYDEEAMVEAVALYNPVSFAFEVTQD
FMMYRTGIYSSTSCHKTPDKVNHAVLAVGYGEKNGIP
YWIVKNSWGPQWGMNGYFLIERGKNMCGLAACASYP
IPLV

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 63.8

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: 1512

Gene Symbol: CTSH

Gene Alias: ACC-4, ACC-5, CPSB, DKFZp686B24257, MGC1519, minichain

Gene Summary: The protein encoded by this gene is a lysosomal cysteine proteinase important in the overall degradation of lysosomal proteins. It is composed of a dimer of disulfide-linked heavy and light chains, both produced from a single protein precursor. The encoded protein, which belongs to the peptidase C1 protein family, can act both as an aminopeptidase and as an endopeptidase. Increased expression of this gene has been correlated with malignant progression of prostate tumors. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]