



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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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:**

MWATLPLLCAGAWLLGVPVCGAAELCVNSLEKHFHFKS  
WMSKHRKTYSTEEYHHRLQTFASNWRKINAHNNGNH  
TFKMALNQFSDMSFAEIKHKYLWSEPQNC SATKSNYL  
RGTGPYPPSVDWRKKGNFVSPVKNQGACGSCWTF  
TTGALESAIAIATGKMLSLAEQQLVDCAQDFNNHGCQ  
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]