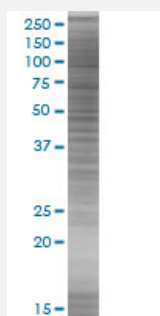


# CTSH 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00001512-T02

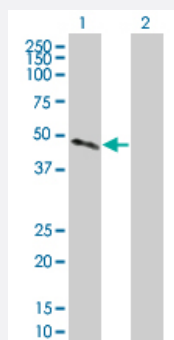
Size 100 uL

## Applications



### SDS-PAGE Gel

CTSH transfected lysate.



### Western Blot

Lane 1: CTSH transfected lysate ( 36.96 KDa)

Lane 2: Non-transfected lysate.

## Specification

**Transfected Cell Line** 293T

**Plasmid** pCMV-CTSH full-length

**Host** Human

**Theoretical MW (kDa)** 36.96

**Quality Control Testing**

Transient overexpression cell lysate was tested with Anti-CTSH antibody ([H00001512-B02](#)) by Western Blots.

SDS-PAGE Gel

CTSH transfected lysate.

Western Blot

Lane 1: CTSH transfected lysate ( 36.96 KDa)

Lane 2: Non-transfected lysate.

|                     |                                                                                                           |
|---------------------|-----------------------------------------------------------------------------------------------------------|
| Storage Buffer      | 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue) |
| Storage Instruction | Store at -80°C. Aliquot to avoid repeated freezing and thawing.                                           |

## Applications

- Western Blot

## Gene Info — CTSH

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">1512</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| GeneBank Accession# | <a href="#">NM_004390.2</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Protein Accession#  | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Gene Name           | CTSH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Gene Alias          | ACC-4, ACC-5, CPSB, DKFZp686B24257, MGC1519, minichain                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Gene Description    | cathepsin H                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Omim ID             | <a href="#">116820</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 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] |
| Other Designations  | N-benzoylarginine-beta-naphthylamide hydrolase aleurain cathepsin B3 cathepsin BA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

## Pathway

- [Lysosome](#)

## Disease

- [Alzheimer disease](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Cognition](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Prostatic Neoplasms](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)