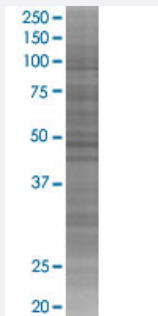


CTSS 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00001520-T03

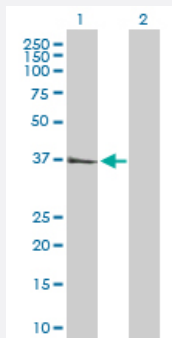
Size 100 uL

Applications



SDS-PAGE Gel

CTSS transfected lysate.



Western Blot

Lane 1: CTSS transfected lysate (37.50 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-CTSS full-length
Host	Human
Theoretical MW (kDa)	37.5
Interspecies Antigen Sequence	Mouse (74); Rat (77)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-CTSS antibody ([H00001520-D01P](#)) by Western Blots.
SDS-PAGE Gel
CTSS transfected lysate.
Western Blot
Lane 1: CTSS transfected lysate (37.50 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 — CTSS

Entrez GeneID[1520](#)**GeneBank Accession#**[NM_004079](#)**Protein Accession#**[NP_004070.3](#)**Gene Name**

CTSS

Gene Alias

MGC3886

Gene Description

cathepsin S

Omim ID[116845](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene, a member of the peptidase C1 family, is a lysosomal cysteine proteinase that may participate in the degradation of antigenic proteins to peptides for presentation on MHC class II molecules. The encoded protein can function as an elastase over a broad pH range in alveolar macrophages. Transcript variants utilizing alternative polyadenylation signals exist for this gene. [provided by RefSeq]

Other Designations

OTTHUMP00000032942

Pathway

- [Antigen processing and presentation](#)
- [Lysosome](#)

Disease

- [Alzheimer disease](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Cardiovascular Diseases](#)
- [Cognition](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Multiple Sclerosis](#)
- [Obesity](#)