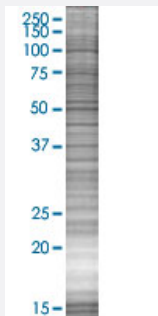


TMPRSS2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00007113-T01

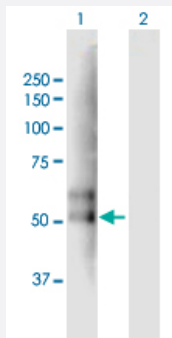
Size 100 uL

Applications



SDS-PAGE Gel

TMPRSS2 transfected lysate.



Western Blot

Lane 1: TMPRSS2 transfected lysate (53.9 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-TMPRSS2 full-length
Host	Human
Theoretical MW (kDa)	53.9
Interspecies Antigen Sequence	Mouse (78); Rat (78)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-TMPRSS2 antibody ([H00007113-B01P](#)) by Western Blots.
SDS-PAGE Gel
TMPRSS2 transfected lysate.
Western Blot
Lane 1: TMPRSS2 transfected lysate (53.9 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 — TMPRSS2

Entrez GeneID[7113](#)**GeneBank Accession#**[BC051839.1](#)**Protein Accession#**[AAH51839.1](#)**Gene Name**

TMPRSS2

Gene Alias

FLJ41954, PP9284, PRSS10

Gene Description

transmembrane protease, serine 2

Omim ID[602060](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a protein that belongs to the serine protease family. The encoded protein contains a type II transmembrane domain, a receptor class A domain, a scavenger receptor cysteine-rich domain and a protease domain. Serine proteases are known to be involved in many physiological and pathological processes. This gene was demonstrated to be up-regulated by androgenic hormones in prostate cancer cells and down-regulated in androgen-independent prostate cancer tissue. The protease domain of this protein is thought to be cleaved and secreted into cell media after autocleavage. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

epitheliasin

Disease

- [Genetic Predisposition to Disease](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)