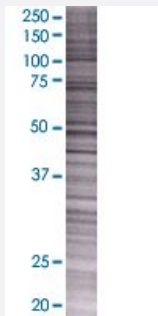


PRSS2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00005645-T02

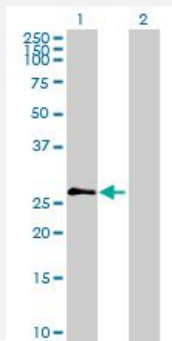
Size 100 uL

Applications



SDS-PAGE Gel

PRSS2 transfected lysate.



Western Blot

Lane 1: PRSS2 transfected lysate (26.5 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-PRSS2 full-length
Host	Human
Theoretical MW (kDa)	26.5
Interspecies Antigen Sequence	Mouse (77); Rat (76)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-PRSS2 antibody ([H00005645-B02](#)) by Western Blots.
SDS-PAGE Gel
PRSS2 transfected lysate.
Western Blot
Lane 1: PRSS2 transfected lysate (26.5 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 — PRSS2

Entrez GeneID[5645](#)**GeneBank Accession#**[NM_002770](#)**Protein Accession#**[NP_002761](#)**Gene Name**

PRSS2

Gene Alias

MGC111183, MGC120174, TRY2, TRY8, TRYP2

Gene Description

protease, serine, 2 (trypsin 2)

Omim ID[601564](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a trypsinogen, which is a member of the trypsin family of serine proteases. This enzyme is secreted by the pancreas and cleaved to its active form in the small intestine. It is active on peptide linkages involving the carboxyl group of lysine or arginine. This gene and several of other trypsinogen genes are localized to the T cell receptor beta locus on chromosome 7. [provided by RefSeq]

Other Designations

anionic trypsinogen|protease serine 2 preproprotein|protease, serine, 2|protease, serine, 2, preproprotein|trypsin 2|trypsin II|trypsinogen 2

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Adenocarcinoma](#)
- [Chronic Disease](#)
- [Genetic Predisposition to Disease](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Pancreatitis](#)