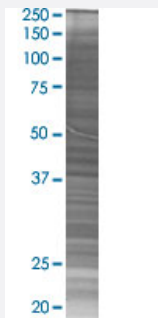


PRSS1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00005644-T02

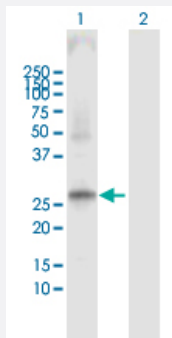
Size 100 uL

Applications



SDS-PAGE Gel

PRSS1 transfected lysate.



Western Blot

Lane 1: PRSS1 transfected lysate (26.60 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-PRSS1 full-length
Host	Human
Theoretical MW (kDa)	26.6
Interspecies Antigen Sequence	Mouse (79)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-PRSS1 antibody ([H00005644-D01](#)) by Western Blots.
SDS-PAGE Gel
PRSS1 transfected lysate.
Western Blot
Lane 1: PRSS1 transfected lysate (26.60 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 — PRSS1

Entrez GeneID

[5644](#)

GeneBank Accession#

[NM_002769.2](#)

Protein Accession#

[NP_002760.1](#)

Gene Name

PRSS1

Gene Alias

MGC120175, MGC149362, TRP1, TRY1, TRY4, TRYP1

Gene Description

protease, serine, 1 (trypsin 1)

Omim ID

[167800 276000](#)

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. Mutations in this gene are associated with hereditary pancreatitis. This gene and several other trypsinogen genes are localized to the T cell receptor beta locus on chromosome 7. [provided by RefSeq]

Other Designations

cationic trypsinogen|digestive zymogen|nonfunctional trypsin 1|protease, serine, 1|serine protease 1|trypsin I|trypsinogen 1|trypsinogen A

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Acute Disease](#)
- [Adenocarcinoma](#)
- [Calcinosis](#)
- [Chronic Disease](#)
- [Cystic fibrosis](#)
- [Diabetes Mellitus](#)
- [Exocrine Pancreatic Insufficiency](#)
- [Genetic Predisposition to Disease](#)
- [Hyperlipidemias](#)
- [Hyperparathyroidism](#)
- [Infant](#)
- [Pancreatic cancer](#)
- [Pancreatic Diseases](#)
- [Pancreatic Neoplasms](#)
- [Pancreatitis](#)
- [Recurrence](#)
- [Syndrome](#)