# PRSS54 Lysate – Tissue Lysate

## PRODUCT OVERVIEW

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| **Product Name** | PRSS54, Lysate |
| **Full Product Name** | Human PRSS54 Protein Lysate |
| **Product Gene Name** | PRSS54 lysate |
| **Product Synonym Names** | PRSS54; CT67; KLKBL4 |
| **Host** | Human |
| **Form/Format** | Lyophilized |
| **Preparation and Storage** | Store at -20 degree C<br>Once reconsituted, aliquot and store any remaining material at-20 degree C to avoid repeated freeze-thaw cycles. |
| **Molecular Weight** | 44kDa |
| **3D Structure** | ModBase 3D Structure for Q6PEW0 |
| **Related Product Information for PRSS54 lysate** | Human PRSS54 Protein Lysate 20ug is provided as a Lyophilized powder.<br>This is a Recombinant Protein Lysate produced in HEK293T cells. This protein lysate can be reconsituted using SDS Sample Buffer. |
| **Other Notes** | Small volumes of PRSS54 lysate vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |
| **Searchable Terms for PRSS54 purchase** | MBS8417902 is a lysate targeting PRSS54. Also known as Human PRSS54 Protein Lysate. Host: Human. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PRSS54. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 122937420 |
| **NCBI GeneID** | 221191 |
| **NCBI Accession #** | NP_001073961 |
| **UniProt Primary Accession #** | Q6PEW0 |
| **UniProt Related Accession #** | Q6PEW0 |
| **GenBank Nucleotide #** | NM_001080492 |
| **NCBI Official Full Name** | inactive serine protease 54 isoform 1 |
| **NCBI Official Synonym Full Names** | serine protease 54 |
| **NCBI Official Symbol** | PRSS54 |
| **NCBI Official Synonym Symbols** | CT67; KLKBL4 |
| **UniProt Protein Name** | Inactive serine protease 54 |
| **UniProt Synonym Protein Names** | Cancer/testis antigen 67; CT67; Plasma kallikrein-like protein 4 |
| **Protein Family** | Inactive serine protease |

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| **UniProt Gene Name** | PRSS54 |
| **UniProt Synonym Gene Names** | KLKBL4; CT67 |
| **UniProt Entry Name** | PRS54_HUMAN |
| **NCBI Protein Information** | inactive serine protease 54 |
| **NCBI Summary for PRSS54** | This gene encodes a putative serine-type endopeptidase containing the peptidase S1 domain. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Feb 2015] |
| **UniProt Comments for PRSS54** | KLKBL4: Belongs to the peptidase S1 family. Plasma kallikrein subfamily.<br><br>Protein type: Secreted; Cancer Testis Antigen (CTA); Protease; Secreted, signal peptide<br><br>Chromosomal Location of Human Ortholog: 16q21<br><br>Cellular Component: cytoplasm; extracellular region<br><br>Molecular Function: serine-type endopeptidase activity<br><br>Biological Process: proteolysis |
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