



# Human TMPRSS4 blocking peptide (CDBP3011)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Blocking/Immunizing peptide for anti-TMPRSS4 (aa245-57) antibody
<b>Antigen Description</b>	This gene encodes a member of the serine protease family. Serine proteases are known to be involved in a variety of biological processes, whose malfunction often leads to human diseases and disorders. This gene was identified as a gene overexpressed in pancreatic carcinoma. The encoded protein is membrane bound with a N-terminal anchor sequence and a glycosylated extracellular region containing the serine protease domain. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
<b>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Apuri, BL, ELISA
<b>Format</b>	Lyophilized powder
<b>Size</b>	100 µg
<b>Preservative</b>	None
<b>Storage</b>	Shipped at ambient temperature, store at -20°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">TMPRSS4 transmembrane protease, serine 4 [ Homo sapiens ]</a>
<b>Official Symbol</b>	TMPRSS4

<b>Synonyms</b>	TMPRSS4; transmembrane protease, serine 4; transmembrane protease serine 4; membrane type serine protease 2; MT SP2; TMPRSS3; transmembrane serine protease 3; type II membrane serine protease; channel-activating protease 2; membrane-type serine protease 2; CAPH2; MT-SP2;
<b>Entrez Gene ID</b>	<a href="#">56649</a>
<b>mRNA Refseq</b>	<a href="#">NM_001083947</a>
<b>Protein Refseq</b>	<a href="#">NP_001077416</a>
<b>UniProt ID</b>	Q9NRS4
<b>Chromosome Location</b>	11q23.3
<b>Pathway</b>	Influenza A, organism-specific biosystem; Influenza A, conserved biosystem;
<b>Function</b>	peptidase activity; scavenger receptor activity; serine-type endopeptidase activity;