TMPRSS7 Peptide - N-Terminal Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	TMPRSS7, Blocking Peptide
Full Product Name	TMPRSS7 Peptide - N-terminal region
Product Gene Name	TMPRSS7 blocking peptide
Sequence	Synthetic peptide located within the following region: LPEYRQKESR EFLSVSRTVQ QVINLVYTTS AFSKFYEQSV VADVSNNKGG
Species Reactivity	Human
Form/Format	Lyophilized powder
Preparation and Storage	Add 100ul of sterile PBS. Final peptide concentration is 1 mg/ml in PBS. For longer periods of storage, store at -20 degree C. Avoid repeat freeze-thaw cycles.
Antibody/Peptide Pairs	TMPRSS7 peptide (MBS3243882) is used for blocking the activity of TMPRSS7 antibody (MBS3218988)
Molecular Weight	78kDa
Product Categories/Family for TMPRSS7 blocking peptide	Peptide
Applications Tested/Suitable for TMPRSS7 blocking peptide	Western Blot (WB)
Related Product Information for TMPRSS7 blocking peptide	This is a synthetic peptide designed for use in combination with anti-TMPRSS7 Antibody, made Target Description: TMPRSS7 is a Serine protease which preferentially hydrolyzes peptides with Arg at the P1 position.
Other Notes	Small volumes of TMPRSS7 blocking peptide 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 TMPRSS7 purchase	MBS3243882 is a blocking peptide targeting TMPRSS7. Also known as TMPRSS7 Peptide - N-terminal region. Reactive in Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TMPRSS7. It may not necessarily be applicable to this product.

NCBI GI #	222831592
NCBI GeneID	344805
NCBI Accession #	NP_001036040
UniProt Primary Accession #	Q7RTY8
UniProt Related Accession #	Q7RTY8
GenBank Nucleotide #	NM_001042575
NCBI Official Full Name	transmembrane protease serine 7 isoform 1
NCBI Official Synonym Full Names	transmembrane serine protease 7
NCBI Official Symbol	TMPRSS7

UniProt Protein Name	Transmembrane protease serine 7
UniProt Synonym Protein Names	Matriptase-3
Protein Family	Transmembrane protease serine
UniProt Gene Name	TMPRSS7
UniProt Entry Name	TMPS7_HUMAN
NCBI Protein Information	transmembrane protease serine 7
Research Articles on TMPRSS7	**1.** Single nucleotide polymorphism in TMPRSS7(rs2399403) is significantly associated with breast cancer risk.
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