PRSS56 Peptide - N-Terminal Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	PRSS56, Blocking Peptide
Full Product Name	PRSS56 Peptide - N-terminal region
Product Gene Name	PRSS56 blocking peptide
Product Synonym Gene Name	MCOP6
Sequence	Synthetic peptide located within the following region: PLSFLRLSCR STRSAPNELL WTVTLAEGSR GEQAEEVPVN RILPHPKFDP
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	PRSS56 peptide (MBS3243233) is used for blocking the activity of PRSS56 antibody (MBS3218340)
Molecular Weight	57kDa
Product Categories/Family for PRSS56 blocking peptide	Peptide
Applications Tested/Suitable for PRSS56 blocking peptide	Western Blot (WB)
Related Product Information for PRSS56 blocking peptide	This is a synthetic peptide designed for use in combination with anti-PRSS56 Antibody, made Target Description: This gene encodes a protein that contains a peptidase S1 domain and possesses trypsin-like serine protease activity. The encoded protein may play a role in eye development, and mutations in this gene are a cause of autosomal recessive posterior microphthalmos.
Other Notes	Small volumes of PRSS56 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 PRSS56 purchase	MBS3243233 is a blocking peptide targeting PRSS56. Also known as PRSS56 Peptide - N-terminal region. Reactive in Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PRSS56. It may not necessarily be applicable to this product.

NCBI GI #	119591408
NCBI GeneID	646960
NCBI Accession #	EAW71002
UniProt Related Accession #	P0CW18
NCBI Official Full Name	hCG1818432, isoform CRA_b
NCBI Official Synonym Full Names	serine protease 56
NCBI Official Symbol	PRSS56
NCBI Official Synonym Symbols	MCOP6

Protein Family	Serine protease
NCBI Protein Information	serine protease 56
NCBI Summary for PRSS56	This gene encodes a protein that contains a peptidase S1 domain and possesses trypsin-like serine protease activity. The encoded protein may play a role in eye development, and mutations in this gene are a cause of autosomal recessive posterior microphthalmos. [provided by RefSeq, Dec 2011]
Research Articles on PRSS56	**1.** variations in PRSS56 were evaluated in patients with either primary angle-closure glaucoma (PACG) or high hyperopia.
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