SARS Matrix Blocking Peptide

PRODUCT OVERVIEW

Product Name	SARS Matrix, Blocking Peptide
Full Product Name	SARS Matrix Peptide
Product Gene Name	M blocking peptide
Product Synonym Names	Membrane protein; E1 glycoprotein; M protein; Membrane protein
Form/Format	Liquid
Concentration	200 ug/mL (lot specific)
Preparation and Storage	Store SARS Matrix peptide at -20 degree C, stable for one year.
Antibody/Peptide Pairs	SARS Matrix peptide (MBS152897) is used for blocking the activity of SARS Matrix antibody (MBS150511)
Molecular Weight	25,061 Da
Species	SARS M protein
Buffer	PBS pH 7.2 (10 mM NaH2PO4, 10 mM Na2HPO4, 130 mM NaCl) containing 0.1% bovine serum albumin and 0.02% sodium azide
Location	14 amino acids near the amino terminus of SARS M protein.
Applications Tested/Suitable for M blocking peptide	Blocking (BL)
Application Notes for M blocking peptide	SARS matrix peptide is used for blocking the activity of the SARS matrix antibody.
Related Product Information for M blocking peptide	MBS152897 is a blocking peptide targeting M. Also known as SARS Matrix Peptide.
Other Notes	Small volumes of M 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.

ADDITIONAL DETAILS

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

NCBI GI #	30173398
NCBI GeneID	1489672
NCBI Accession #	P59596.1
UniProt Primary Accession #	P59596
UniProt Secondary Accession #	Q6S8E5; Q7T6Q8; Q7T6R1; Q7T6R5; Q7T6S0; Q7T6S3; Q7T726; Q7T7P6; Q7T7S6; Q7TA12
UniProt Related Accession #	P59596
NCBI Official Full Name	Membrane protein
NCBI Official Symbol	M
UniProt Protein Name	Membrane protein

UniProt Synonym Protein Names	E1 glycoprotein; Matrix glycoprotein; Membrane glycoprotein
UniProt Gene Name	M
UniProt Synonym Gene Names	M protein
UniProt Entry Name	VME1_CVHSA
NCBI Protein Information	matrix protein
UniProt Comments for M	Component of the viral envelope that plays a central role in virus morphogenesis and assembly via its interactions with other viral proteins.
Research Articles on M	**1.** Specific amino acids are critical for M protein function in terms of directing virus assembly.
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