EOS Blocking Peptide – >85% Purity

PRODUCT OVERVIEW

Product Name	EOS (PRSS33), Blocking Peptide
Full Product Name	EOS Blocking Peptide
Product Gene Name	PRSS33 blocking peptide
Product Synonym Names	Serine protease 33; Serine protease EOS
Host	Synthetic
Species Reactivity	Human
Form/Format	Lyophilized powder
Purity/Purification	>85%
Preparation and Storage	Shipped at 4 degree C. Store at -20 degree C for one year.
Antibody/Peptide Pairs	EOS peptide (MBS822724) is used for blocking the activity of EOS antibody (MBS822165)
Molecular Weight	29,787 Da
OMIM	613797
Quality Control	The quality of the peptide was evaluated by reversed-phase HPLC and by mass spectrometry.
Applications Tested/Suitable for PRSS33 blocking peptide	Blocking (BL)
Application Notes for PRSS33 blocking peptide	Blocking Peptide to the diluted primary antibody in a molar ratio of 10:1 (peptide to antibody) and incubate the mixture at 4 degree C for overnight or at room temperature for 2 hours.
Related Product Information for PRSS33 blocking peptide	MBS822724 is a blocking peptide targeting PRSS33. Also known as EOS Blocking Peptide. Reactive in Human. Host: Synthetic. The peptide is used to block Anti-EOS Antibody reactivity.
Other Notes	Small volumes of PRSS33 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 PRSS33. It may not necessarily be applicable to this product.

NCBI GI #	117956391
NCBI GeneID	260429
NCBI Accession #	NP_690851.2
UniProt Primary Accession #	Q8NF86
UniProt Secondary Accession #	Q8N171; A6NNQ3
UniProt Related Accession #	Q8NF86
GenBank Nucleotide #	NM_152891.2
NCBI Official Full Name	serine protease 33
NCBI Official Synonym Full Names	protease, serine, 33

NCBI Official Symbol	PRSS33
NCBI Official Synonym Symbols	EOS
UniProt Protein Name	Serine protease 33
UniProt Synonym Protein Names	Serine protease EOS
Protein Family	Serine protease
UniProt Gene Name	PRSS33
UniProt Entry Name	PRS33_HUMAN
NCBI Protein Information	serine protease 33; serine protease EOS
UniProt Comments for PRSS33	PRSS33: Serine protease that has amidolytic activity, cleaving its substrates before Arg residues. Belongs to the peptidase S1 family. Protein type: Secreted; Secreted, signal peptide; Protease; EC 3.4.21.- Chromosomal Location of Human Ortholog: 16p13.3 Cellular Component: extracellular space Molecular Function: serine-type endopeptidase activity Biological Process: proteolysis
Research Articles on PRSS33	**1.** highly expressed in spleen and moderately expressed in intestine, colon, lung and brain
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Online datasheet: https://www.mybiosource.com/prss33-human-blocking-peptide/eos/822724