PRSS3 Antibody (Center) Blocking Peptide

PRODUCT OVERVIEW

Product Name	PRSS3, Blocking Peptide
Full Product Name	PRSS3 Antibody (Center) Blocking peptide
Product Gene Name	PRSS3 blocking peptide
Product Synonym Gene Name	PRSS4; TRY3; TRY4
Product Synonym Names	Trypsin-3; Brain trypsinogen; Mesotrypsinogen; Serine protease 3; Serine protease 4; Trypsin III; Trypsin IV; PRSS3; PRSS4; TRY3; TRY4
Form/Format	Synthetic peptide was lyophilized with 100% acetonitrile and is supplied as a powder. Reconstitute with 0.1 ml DI water for a final concentration of 1 mg/ml.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C.
Antibody/Peptide Pairs	PRSS3 peptide (MBS9218732) is used for blocking the activity of PRSS3 antibody (MBS9215196)
Molecular Weight	25,924 Da
OMIM	613578
Cellular Location	Secreted.
Tissue Location	Expressed in pancreas and brain. Also expressed in Paneth cells, at the base of small intestinal crypts
Related Product Information for PRSS3 blocking peptide	Digestive protease specialized for the degradation of trypsin inhibitors. In the ileum, may be involved in defensin processing, including DEFA5.
Other Notes	Small volumes of PRSS3 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 PRSS3 purchase	MBS9218732 is a blocking peptide targeting PRSS3. Also known as PRSS3 Antibody (Center) Blocking peptide.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PRSS3. It may not necessarily be applicable to this product.

NCBI GI #	209572698
NCBI GeneID	5646
NCBI Accession #	P35030.2
UniProt Primary Accession #	P35030
UniProt Secondary Accession #	P15951; Q15665; Q5VXV0; Q6ISJ4; Q9UQV3; A8CED1; A8CED3; A9Z1Y4; E7ES07; F8W7P3
UniProt Related Accession #	P35030
NCBI Official Full Name	Trypsin-3
NCBI Official Synonym Full Names	protease, serine 3
NCBI Official Symbol	PRSS3
NCBI Official Synonym Symbols	T9; MTG; TRY3; TRY4; PRSS4
UniProt Protein Name	Trypsin-3

UniProt Synonym Protein Names	Brain trypsinogen; Mesotrypsinogen; Serine protease 3; Serine protease 4; Trypsin III; Trypsin IV
UniProt Gene Name	PRSS3
UniProt Synonym Gene Names	PRSS4; TRY3; TRY4
UniProt Entry Name	TRY3_HUMAN
NCBI Protein Information	trypsin-3
NCBI Summary for PRSS3	This gene encodes a trypsinogen, which is a member of the trypsin family of serine proteases. This enzyme is expressed in the brain and pancreas and is resistant to common trypsin inhibitors. It is active on peptide linkages involving the carboxyl group of lysine or arginine. This gene is localized to the locus of T cell receptor beta variable orphans on chromosome 9. Four transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Oct 2010]
Research Articles on PRSS3	**1.** These findings suggest that inhibitor cleavage represents a functional adaptation of mesotrypsin that may have evolved in response to positive selection pressure.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/blocking-peptide/prss3/9218732