PATE3 Blocking Peptide – The purity is >90%,tested by HPLC and MS. Purity

PRODUCT OVERVIEW

Product Name	PATE3, Blocking Peptide
Full Product Name	PATE3 Blocking Peptide
Product Gene Name	PATE3 blocking peptide
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 10 mg/ml.
Purity/Purification	The purity is >90%,tested by HPLC and MS.
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	PATE3 peptide (MBS9626296) is used for blocking the activity of PATE3 antibody (MBS9607580)
Molecular Weight	11,747 Da
Supply Chain Verification	Manufactured in a lab with traceable raw materials manufactured on site. Coordinated product portfolio of antibodies, pairs, conjugates, recombinant proteins, and immunoassay materials available, please inquire.
Notes	For phospho antibody, we provide phospho peptide (0.5mg) and non-phospho peptide (0.5mg)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for PATE3 blocking peptide	Blocking/Control
Related Product Information for PATE3 blocking peptide	Blocking peptides are peptides that bind specifically to the target antibody and block antibody binding. These peptide usually contains the epitope recognized by the antibody. Antibodies bound to the blocking peptide no longer bind to the epitope on the target protein. This mechanism is useful when non-specific binding is an issue, for example, in Western blotting (immunoblot) and immunohistochemistry (IHC). By comparing the staining from the blocked antibody versus the antibody alone, one can see which staining is specific; Specific binding will be absent from the western blot or immunostaining performed with the neutralized antibody.
Other Notes	Small volumes of PATE3 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 PATE3 purchase	MBS9626296 is a blocking peptide targeting PATE3.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PATE3. It may not necessarily be applicable to this product.

NCBI GI #	222136622
NCBI GeneID	100169851
NCBI Accession #	NP_001123355.3
UniProt Primary Accession #	B3GLJ2
UniProt Secondary Accession #	B5KFZ3
UniProt Related Accession #	B3GLJ2
GenBank Nucleotide #	NM_001129883.3
NCBI Official Full Name	prostate and testis expressed protein 3

NCBI Official Synonym Full Names	prostate and testis expressed 3
NCBI Official Symbol	PATE3
NCBI Official Synonym Symbols	HEL-127; PATE-DJ
UniProt Protein Name	Prostate and testis expressed protein 3
UniProt Synonym Protein Names	Acrosomal vesicle protein HEL-127; PATE-like protein DJ; PATE-DJ
Protein Family	Prostate and testis expressed protein
UniProt Gene Name	PATE3
UniProt Synonym Gene Names	PATE-DJ
UniProt Entry Name	PATE3_HUMAN
NCBI Protein Information	prostate and testis expressed protein 3; PATE-like protein DJ; acrosomal vesicle protein HEL-127; secreted TFP/Ly-6/uPAR protein PATE-DJ
UniProt Comments for PATE3	PATE3: Belongs to the PATE family. Protein type: Secreted, signal peptide; Secreted Chromosomal Location of Human Ortholog: 11q24.2 Cellular Component: extracellular region
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.
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Online datasheet: https://www.mybiosource.com/blocking-peptide/pate3/9626296