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

PRODUCT OVERVIEW

Product Name	PPAN, Blocking Peptide
Full Product Name	PPAN Blocking Peptide
Product Gene Name	PPAN blocking peptide
Product Synonym Names	Brix domain containing protein 3; Brix domain-containing protein 3; BXDC3; Homolog of S. cerevisiae SSF1; Peter pan homolog (Drosophila); Peter Pan homolog; PPAN; Second step splicing factor 1; SSF 1; SSF; Ssf-1; SSF1; SSF1_HUMAN; SSF2; Suppressor of sterile four 1; Suppressor of SWI4 1 homolog
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	PPAN peptide (MBS9621162) is used for blocking the activity of PPAN antibody (MBS9603685)
Molecular Weight	58,199 Da
OMIM	607793
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 PPAN blocking peptide	Blocking/Control
Related Product Information for PPAN 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 PPAN 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 PPAN purchase	MBS9621162 is a blocking peptide targeting PPAN.

ADDITIONAL DETAILS

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

NCBI GI #	99028871
NCBI GeneID	692312
NCBI Accession #	NP_001035754.1
UniProt Primary Accession #	Q9NQ55
UniProt Secondary Accession #	Q9BW97; Q9H170; C9J3F9

GenBank Nucleotide #	NM_001040664.2
NCBI Official Full Name	PPAN-P2RY11 protein isoform 1
NCBI Official Synonym Full Names	PPAN-P2RY11 readthrough
NCBI Official Symbol	PPAN-P2RY11
UniProt Protein Name	Suppressor of SWI4 1 homolog
UniProt Synonym Protein Names	Brix domain-containing protein 3; Peter Pan homolog
Protein Family	Peter Pan-like protein
UniProt Gene Name	PPAN
UniProt Synonym Gene Names	BXDC3; SSF1; Ssf-1
UniProt Entry Name	SSF1_HUMAN
NCBI Protein Information	PPAN-P2RY11 protein
NCBI Summary for PPAN	This locus represents naturally occurring read-through transcription between the adjacent PPAN and P2RY11 genes. Alternative splicing results in two transcript variants, one of which encodes a fusion protein that shares sequence identity with each individual gene product. This transcript is found to be ubiquitously expressed and is up-regulated by agents inducing granulocytic differentiation. However, its functional significance in vivo remains unclear. [provided by RefSeq, Nov 2010]
UniProt Comments for PPAN	SSF1: May have a role in cell growth. 2 isoforms of the human protein are produced by alternative splicing. Protein type: RNA-binding; Nucleolus Chromosomal Location of Human Ortholog: 19p13 Cellular Component: nucleolus; nucleus Biological Process: RNA splicing
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/ppan/9621162