BNIP2 Peptide - Middle Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	BNIP2, Blocking Peptide
Full Product Name	BNIP2 Peptide - middle region
Product Gene Name	BNIP2 blocking peptide
Product Synonym Gene Name	BNIP-2; NIP2
Sequence	Synthetic peptide located within the following region: AITGPEDQPG SLEVNGNKVR KKLMAPDISL TLDPSDGSVL SDDLDESGEI
Species Reactivity	Human
Form/Format	Lyophilized powder
Preparation and Storage	Add 100ul of sterile PBS. Final peptide concentration is 1 mg/ml in PBS. For longer periods of storage, store at -20 degree C. Avoid repeat freeze-thaw cycles.
Antibody/Peptide Pairs	BNIP2 peptide (MBS3240288) is used for blocking the activity of BNIP2 antibody (MBS3215384)
Molecular Weight	48kDa
Product Categories/Family for BNIP2 blocking peptide	Peptide
Applications Tested/Suitable for BNIP2 blocking peptide	Western Blot (WB)
Related Product Information for BNIP2 blocking peptide	This is a synthetic peptide designed for use in combination with anti-BNIP2 Antibody, made Target Description: This gene is a member of the BCL2/adenovirus E1B 19 kd-interacting protein (BNIP) family. It interacts with the E1B 19 kDa protein, which protects cells from virally-induced cell death. The encoded protein also interacts with E1B 19 kDa-like sequences of BCL2, another apoptotic protector.
Other Notes	Small volumes of BNIP2 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 BNIP2 purchase	MBS3240288 is a blocking peptide targeting BNIP2. Also known as BNIP2 Peptide - middle region. Reactive in Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for BNIP2. It may not necessarily be applicable to this product.

NCBI GI #	1552040556
NCBI GeneID	663
NCBI Accession #	NP_004321
UniProt Primary Accession #	J3KN59
UniProt Related Accession #	Q12982
GenBank Nucleotide #	NM_004330
NCBI Official Full Name	BCL2/adenovirus E1B 19 kDa protein-interacting protein 2 isoform 2
NCBI Official Synonym Full Names	BCL2 interacting protein 2

NCBI Official Symbol	BNIP2
NCBI Official Synonym Symbols	NIP2; BNIP-2
Protein Family	BCL2/adenovirus E1B 19 kDa protein-interacting protein
NCBI Protein Information	BCL2/adenovirus E1B 19 kDa protein-interacting protein 2
NCBI Summary for BNIP2	This gene is a member of the BCL2/adenovirus E1B 19 kd-interacting protein (BNIP) family. It interacts with the E1B 19 kDa protein, which protects cells from virally-induced cell death. The encoded protein also interacts with E1B 19 kDa-like sequences of BCL2, another apoptotic protector. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Mar 2016]
Research Articles on BNIP2	**1.** BNIP-2 is a kinesin-1 adapter involved in vesicular transportation in the cytoplasm and that association with cargos depends on interaction of the CRAL-TRIO domain with membrane phosphatidylserine.
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/human-blocking-peptide/bnip2/3240288