SNTB1 Peptide - N-Terminal Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	SNTB1, Blocking Peptide
Full Product Name	SNTB1 Peptide - N-terminal region
Product Gene Name	SNTB1 blocking peptide
Product Synonym Gene Name	59-DAP; A1B; BSYN2; DAPA1B; FLJ22442; MGC111389; SNT2; SNT2B1; TIP-43
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	SNTB1 peptide (MBS3231965) is used for blocking the activity of SNTB1 antibody (MBS3206999)
Molecular Weight	58kDa
OMIM	600026
Product Categories/Family for SNTB1 blocking peptide	Peptide
Applications Tested/Suitable for SNTB1 blocking peptide	Western Blot (WB)
Related Product Information for SNTB1 blocking peptide	This is a synthetic peptide designed for use in combination with anti-SNTB1 antibody made Target Description: Dystrophin is a large, rod-like cytoskeletal protein found at the inner surface of muscle fibers. Dystrophin is missing in Duchenne Muscular Dystrophy patients and is present in reduced amounts in Becker Muscular Dystrophy patients. The protein encoded by
Other Notes	Small volumes of SNTB1 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 SNTB1 purchase	MBS3231965 is a blocking peptide targeting SNTB1. Also known as SNTB1 Peptide - N-terminal region.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SNTB1. It may not necessarily be applicable to this product.

NCBI GI #	11321640
NCBI GeneID	6641
NCBI Accession #	NP_066301
UniProt Primary Accession #	Q13884
UniProt Related Accession #	Q13884
GenBank Nucleotide #	NM_021021
NCBI Official Full Name	beta-1-syntrophin
NCBI Official Synonym Full Names	syntrophin beta 1
NCBI Official Symbol	SNTB1
NCBI Official Synonym Symbols	A1B; SNT2; BSYN2; 59-DAP; DAPA1B; SNT2B1; TIP-43

UniProt Protein Name	Beta-1-syntrophin
UniProt Synonym Protein Names	59 kDa dystrophin-associated protein A1 basic component 1; DAPA1B; BSYN2; Syntrophin-2; Tax interaction protein 43
Protein Family	Beta-1-syntrophin
UniProt Gene Name	SNTB1
UniProt Synonym Gene Names	SNT2B1; DAPA1B; TIP-43
UniProt Entry Name	SNTB1_HUMAN
NCBI Protein Information	beta-1-syntrophin
NCBI Summary for SNTB1	Dystrophin is a large, rod-like cytoskeletal protein found at the inner surface of muscle fibers. Dystrophin is missing in Duchenne Muscular Dystrophy patients and is present in reduced amounts in Becker Muscular Dystrophy patients. The protein encoded by this gene is a peripheral membrane protein found associated with dystrophin and dystrophin-related proteins. This gene is a member of the syntrophin gene family, which contains at least two other structurally-related genes. [provided by RefSeq, Jul 2008]
UniProt Comments for SNTB1	SNTB1: Adapter protein that binds to and probably organizes the subcellular localization of a variety of membrane proteins. May link various receptors to the actin cytoskeleton and the dystrophin glycoprotein complex. Belongs to the syntrophin family. 2 isoforms of the human protein are produced by alternative splicing. Chromosomal Location of Human Ortholog: 8q23-q24 Cellular Component: dystrophin-associated glycoprotein complex; protein complex; focal adhesion; cytoskeleton; cytoplasm; synapse; sarcolemma Molecular Function: calmodulin binding; protein binding; actin binding; PDZ domain binding Biological Process: muscle contraction
Research Articles on SNTB1	**1.** Our study confirms that the two susceptibility loci ZFHX1B and SNTB1 are associated with moderate to high myopia in a Han Chinese population, as well as in a European population, when both SNPs are combined.
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/sntb1/3231965