TBKBP1 Peptide - C-Terminal Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	TBKBP1, Blocking Peptide
Full Product Name	TBKBP1 Peptide - C-terminal region
Product Gene Name	TBKBP1 blocking peptide
Product Synonym Gene Name	TBKBP1; KIAA0775;
Sequence	Synthetic peptide located within the following region: SPRRAFEGIR LRFEKQPSEE DEWAVPTSPP SPEVGTIRCA SFCAGFPIPE
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	TBKBP1 peptide (MBS3243853) is used for blocking the activity of TBKBP1 antibody (MBS3218959)
Molecular Weight	67kDa
OMIM	608476
Product Categories/Family for TBKBP1 blocking peptide	Peptide
Applications Tested/Suitable for TBKBP1 blocking peptide	Western Blot (WB)
Related Product Information for TBKBP1 blocking peptide	This is a synthetic peptide designed for use in combination with anti-TBKBP1 Antibody, made Target Description: TBKBP1 is an adaptor protein that binds to TBK1 and is part of the interaction network in the TNF/NFKB pathway.
Other Notes	Small volumes of TBKBP1 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 TBKBP1 purchase	MBS3243853 is a blocking peptide targeting TBKBP1. Also known as TBKBP1 Peptide - C-terminal region. Reactive in Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TBKBP1. It may not necessarily be applicable to this product.

NCBI GI #	530413252
NCBI GeneID	9755
NCBI Accession #	XP_005257919
UniProt Primary Accession #	A7MCY6
UniProt Related Accession #	A7MCY6
GenBank Nucleotide #	XM_005257862.3
NCBI Official Full Name	TANK-binding kinase 1-binding protein 1 isoform X1

NCBI Official Synonym Full Names	TBK1 binding protein 1
NCBI Official Symbol	TBKBP1
NCBI Official Synonym Symbols	SINTBAD; ProSAPiP2
UniProt Protein Name	TANK-binding kinase 1-binding protein 1
Protein Family	TANK-binding kinase 1-binding protein
UniProt Gene Name	TBKBP1
UniProt Synonym Gene Names	TBK1-binding protein 1
UniProt Entry Name	TBKB1_HUMAN
NCBI Protein Information	TANK-binding kinase 1-binding protein 1
NCBI Summary for TBKBP1	TBKBP1 is an adaptor protein that binds to TBK1 (MIM 604834) and is part of the interaction network in the TNF (MIM 191160)/NFKB (see MIM 164011) pathway (Bouwmeester et al., 2004 [PubMed 14743216]).[supplied by OMIM, Mar 2008]
UniProt Comments for TBKBP1	TBKBP1: Adapter protein which constitutively binds TBK1 and IKBKE and may play a role in antiviral innate immunity. Homodimer. May form a heterodimer with NAP1. Interacts with TKB1 and IKBKE. 2 isoforms of the human protein are produced by alternative splicing. Chromosomal Location of Human Ortholog: 17q21.32 Molecular Function: protein binding Biological Process: innate immune response
Research Articles on TBKBP1	**1.** The two selected single nucleotide polymorphisms (SNPs) in TBKBP1 show no relationship with the clinical outcomes. None of the 12 SNPs is related to mSASSS.
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/tbkbp1/3243853