STK11IP Antibody (Center) Blocking Peptide

PRODUCT OVERVIEW

Product Name	STK11IP, Blocking Peptide
Full Product Name	STK11IP Antibody (Center) Blocking Peptide
Product Gene Name	STK11IP blocking peptide
Product Synonym Gene Name	KIAA1898; LIP1; LKB1IP; STK11IP1
Product Synonym Names	Serine/threonine-protein kinase 11-interacting protein; LKB1-interacting protein 1; STK11IP; KIAA1898; LIP1; LKB1IP; STK11IP1
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 1 mg/ml.
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	STK11IP peptide (MBS9223501) is used for blocking the activity of STK11IP antibody (MBS9212452)
Molecular Weight	82,394 Da
OMIM	607172
Cellular Location	Cytoplasm. Note: Some cells show granular or punctuate expression. Colocalizes with STK11/LKB1 and SMAD4 in granular or punctuate structures
Related Product Information for STK11IP blocking peptide	MBS9223501 is a blocking peptide targeting STK11IP. Also known as STK11IP Antibody (Center) Blocking Peptide. May regulate STK11/LKB1 function by controlling its subcellular localization.
Other Notes	Small volumes of STK11IP 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for STK11IP. It may not necessarily be applicable to this product.

NCBI GI #	296452972
NCBI GeneID	114790
NCBI Accession #	Q8N1F8.3
UniProt Primary Accession #	Q8N1F8
UniProt Secondary Accession #	Q8NAW9; Q8WXE4; Q96CN3; Q96PY9
UniProt Related Accession #	Q8N1F8
NCBI Official Full Name	Serine/threonine-protein kinase 11-interacting protein
NCBI Official Synonym Full Names	serine/threonine kinase 11 interacting protein
NCBI Official Symbol	STK11IP
NCBI Official Synonym Symbols	LIP1; LKB1IP; STK11IP1
UniProt Protein Name	Serine/threonine-protein kinase 11-interacting protein
UniProt Synonym Protein Names	LKB1-interacting protein 1

Protein Family	Serine/threonine-protein kinase 11-interacting protein
UniProt Gene Name	STK11IP
UniProt Synonym Gene Names	KIAA1898; LIP1; LKB1IP; STK11IP1
UniProt Entry Name	S11IP_HUMAN
NCBI Protein Information	serine/threonine-protein kinase 11-interacting protein
UniProt Comments for STK11IP	STK11IP: May regulate STK11/LKB1 function by controlling its subcellular localization. Belongs to the STK11IP family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Protein kinase, regulatory subunit Chromosomal Location of Human Ortholog: 2q35 Cellular Component: cytoplasm; intracellular membrane-bound organelle; lysosomal membrane Molecular Function: protein kinase binding Biological Process: protein localization
Research Articles on STK11IP	**1.** LKB1 and LIP1 provide negative control of TGFbeta signaling.
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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