LZTFL1 Blocking Peptide

PRODUCT OVERVIEW

Product Name	LZTFL1, Blocking Peptide
Full Product Name	LZTFL1 Peptide
Product Gene Name	LZTFL1 blocking peptide
Product Synonym Gene Name	FLJ36386
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	LZTFL1 peptide (MBS3233955) is used for blocking the activity of LZTFL1 antibody (MBS3208992)
Molecular Weight	34kDa
OMIM	606568
Product Categories/Family for LZTFL1 blocking peptide	Peptide
Applications Tested/Suitable for LZTFL1 blocking peptide	Western Blot (WB)
Related Product Information for LZTFL1 blocking peptide	This is a synthetic peptide designed for use in combination with anti-LZTFL1 antibody made Target Description: The function remains unknown.
Other Notes	Small volumes of LZTFL1 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 LZTFL1 purchase	MBS3233955 is a blocking peptide targeting LZTFL1. Also known as LZTFL1 Peptide.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LZTFL1. It may not necessarily be applicable to this product.

NCBI GI #	9966793
NCBI GeneID	54585
NCBI Accession #	NP_065080
UniProt Primary Accession #	Q9NQ48
UniProt Related Accession #	Q9NQ48
GenBank Nucleotide #	NM_020347
NCBI Official Full Name	leucine zipper transcription factor-like protein 1 isoform 1
NCBI Official Synonym Full Names	leucine zipper transcription factor like 1
NCBI Official Symbol	LZTFL1
NCBI Official Synonym Symbols	BBS17
UniProt Protein Name	Leucine zipper transcription factor-like protein 1

Protein Family	Leucine zipper transcription factor-like protein
UniProt Gene Name	LZTFL1
UniProt Entry Name	LZTL1_HUMAN
NCBI Protein Information	leucine zipper transcription factor-like protein 1
NCBI Summary for LZTFL1	This gene encodes a ubiquitously expressed protein that localizes to the cytoplasm. This protein interacts with Bardet-Biedl Syndrome (BBS) proteins and, through its interaction with BBS protein complexes, regulates protein trafficking to the ciliary membrane. Nonsense mutations in this gene cause a form of Bardet-Biedl Syndrome; a ciliopathy characterized in part by polydactyly, obesity, cognitive impairment, hypogonadism, and kidney failure. This gene may also function as a tumor suppressor; possibly by interacting with E-cadherin and the actin cytoskeleton and thereby regulating the transition of epithelial cells to mesenchymal cells. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Feb 2013]
UniProt Comments for LZTFL1	LZTFL1: Belongs to the LZTFL1 family. Chromosomal Location of Human Ortholog: 3p21.3 Cellular Component: cytosol Molecular Function: identical protein binding; protein binding; protein complex binding Disease: Bardet-biedl Syndrome 17
Research Articles on LZTFL1	**1.** LZTFL1 inhibits lung tumorigenesis
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