Actin Filament-Associated Protein 1-Like 2 (AFAP1L2) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Actin filament-associated protein 1-like 2 (AFAP1L2), Recombinant Protein
Full Product Name	Recombinant Human Actin filament-associated protein 1-like 2 (AFAP1L2) , partial
Product Gene Name	AFAP1L2 recombinant protein
Product Synonym Gene Name	AFAP1L2
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	93,894 Da
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
OMIM	612420
3D Structure	ModBase 3D Structure for Q8N4X5
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for AFAP1L2 recombinant protein	MBS1385787 is a recombinant protein targeting AFAP1L2. Also known as Recombinant Human Actin filament-associated protein 1-like 2 (AFAP1L2) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of AFAP1L2 recombinant protein 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 AFAP1L2. It may not necessarily be applicable to this product.

NCBI GI #	50897850
NCBI GeneID	84632
NCBI Accession #	NP_001001936.1
UniProt Primary Accession #	Q8N4X5
UniProt Secondary Accession #	Q2UZW3; Q8TB54; Q96PX4; Q96SY5; A8K6P7; B3KVQ8
UniProt Related Accession #	Q8N4X5
GenBank Nucleotide #	NM_001001936.2

NCBI Official Full Name	actin filament-associated protein 1-like 2 isoform 1
NCBI Official Synonym Full Names	actin filament associated protein 1 like 2
NCBI Official Symbol	AFAP1L2
NCBI Official Synonym Symbols	XB130; KIAA1914; CTB-1144G6.4
UniProt Protein Name	Actin filament-associated protein 1-like 2
Protein Family	Actin filament-associated protein
UniProt Gene Name	AFAP1L2
UniProt Synonym Gene Names	KIAA1914; XB130; AFAP1-like protein 2
NCBI Protein Information	actin filament-associated protein 1-like 2
UniProt Comments for AFAP1L2	May play a role in a signaling cascade by enhancing the kinase activity of SRC. Contributes to SRC-regulated transcription activation.
Research Articles on AFAP1L2	**1.** Our results suggest that dissociation between XB130 and Tks5 may facilitate lateral cell migration via XB130/Rac1, and vertical cell migration via Tks5/Cdc42. These molecular mechanisms will help our understanding of airway epithelial repair and regeneration.
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