FMNL2 Peptide - N-Terminal Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	FMNL2, Blocking Peptide
Full Product Name	FMNL2 Peptide - N-terminal region
Product Gene Name	FMNL2 blocking peptide
Product Synonym Gene Name	FHOD2; FLJ37546
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	FMNL2 peptide (MBS3233681) is used for blocking the activity of FMNL2 antibody (MBS3208719)
Molecular Weight	124kDa
Product Categories/Family for FMNL2 blocking peptide	Peptide
Applications Tested/Suitable for FMNL2 blocking peptide	Western Blot (WB)
Related Product Information for FMNL2 blocking peptide	This is a synthetic peptide designed for use in combination with anti-FMNL2 antibody made Target Description: FMNL2 is a formin-related protein. Formin-related proteins have been implicated in morphogenesis, cytokinesis, and cell polarity. This gene encodes a formin-related protein. Formin-related proteins have been implicated in morphogenesis, cytokinesis, and cell polarity. Alternatively spliced transcript variants encoding different isoforms have been described but their full-length nature has yet to be determined.
Other Notes	Small volumes of FMNL2 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 FMNL2 purchase	MBS3233681 is a blocking peptide targeting FMNL2. Also known as FMNL2 Peptide - N-terminal region.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FMNL2. It may not necessarily be applicable to this product.

NCBI GI #	52485606
NCBI GeneID	114793
NCBI Accession #	NP_443137
UniProt Primary Accession #	Q96PY5
UniProt Related Accession #	Q96PY5
GenBank Nucleotide #	NM_052905
NCBI Official Full Name	formin-like protein 2
NCBI Official Synonym Full Names	formin like 2
NCBI Official Symbol	FMNL2
NCBI Official Synonym Symbols	FHOD2

UniProt Protein Name	Formin-like protein 2
UniProt Synonym Protein Names	Formin homology 2 domain-containing protein 2
UniProt Gene Name	FMNL2
UniProt Synonym Gene Names	FHOD2; KIAA1902
UniProt Entry Name	FMNL2_HUMAN
NCBI Protein Information	formin-like protein 2
NCBI Summary for FMNL2	This gene encodes a formin-related protein. Formin-related proteins have been implicated in morphogenesis, cytokinesis, and cell polarity. Alternatively spliced transcript variants encoding different isoforms have been described but their full-length nature has yet to be determined. [provided by RefSeq, Jul 2008]
UniProt Comments for FMNL2	FMNL2: Plays a role in the regulation of cell morphology and cytoskeletal organization. Required in the cortical actin filament dynamics. Belongs to the formin homology family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Cytoskeletal Chromosomal Location of Human Ortholog: 2q23.3 Cellular Component: cytoplasm Molecular Function: Rho GTPase binding; actin binding Biological Process: regulation of cell morphogenesis; cytoskeleton organization and biogenesis; cortical actin cytoskeleton organization and biogenesis
Research Articles on FMNL2	**1.** Data indicate that the interaction of cortactin and formin-like 2 (FMNL2) could promote the invadopodia formation and matrix degradation.
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