PLEKHA3 Peptide - N-Terminal Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	PLEKHA3, Blocking Peptide
Full Product Name	PLEKHA3 Peptide - N-terminal region
Product Gene Name	PLEKHA3 blocking peptide
Product Synonym Gene Name	FAPP1; FLJ20067
Sequence	DTRTKKEKEI SETSESLKTK MSELRLYCDL LMQQVHTIQE FVHHDENHSS
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	PLEKHA3 peptide (MBS3242085) is used for blocking the activity of PLEKHA3 antibody (MBS3217186)
Molecular Weight	34kDa
OMIM	AF286162 mRNA
Product Categories/Family for PLEKHA3 blocking peptide	Peptide
Applications Tested/Suitable for PLEKHA3 blocking peptide	Western Blot (WB)
Related Product Information for PLEKHA3 blocking peptide	This is a synthetic peptide designed for use in combination with anti-PLEKHA3 Antibody, made Target Description: PLEKHA3 binds specifically to phosphatidylinositol 4-phosphate (PtdIns4P), but not to other phosphoinositides.
Other Notes	Small volumes of PLEKHA3 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 PLEKHA3 purchase	MBS3242085 is a blocking peptide targeting PLEKHA3. Also known as PLEKHA3 Peptide - N-terminal region. Reactive in Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PLEKHA3. It may not necessarily be applicable to this product.

NCBI GI #	54792084
NCBI GeneID	65977
NCBI Accession #	NP_061964
UniProt Primary Accession #	Q9HB20
UniProt Related Accession #	Q9HB20
GenBank Nucleotide #	NM_019091
NCBI Official Full Name	pleckstrin homology domain-containing family A member 3
NCBI Official Synonym Full Names	pleckstrin homology domain containing A3

NCBI Official Symbol	PLEKHA3
NCBI Official Synonym Symbols	FAPP1
UniProt Protein Name	Pleckstrin homology domain-containing family A member 3
UniProt Synonym Protein Names	Phosphatidylinositol-four-phosphate adapter protein 1; FAPP-1; Phosphoinositol 4-phosphate adapter protein 1
Protein Family	Pleckstrin homology domain-containing family
UniProt Gene Name	PLEKHA3
UniProt Synonym Gene Names	FAPP1; PH domain-containing family A member 3; FAPP-1; Phosphoinositol 4-phosphate adapter protein 1
NCBI Protein Information	pleckstrin homology domain-containing family A member 3
UniProt Comments for PLEKHA3	PLEKHA3: Involved in Golgi to cell surface membrane traffic. Induces membrane tubulation. Binds preferentially to phosphatidylinositol 4-phosphate (PtdIns4P). Chromosomal Location of Human Ortholog: 2q31.2 Cellular Component: Golgi apparatus; Golgi membrane Biological Process: phosphatidylinositol biosynthetic process
Research Articles on PLEKHA3	**1.** Binding sites on Fapp1 protein for Arf1 and phosphatidylinositol-4-phosphate minimally overlap
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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