TRAPPC4 Blocking Peptide (N-Term) Blocking Peptide

PRODUCT OVERVIEW

Product Name	TRAPPC4, Blocking Peptide
Full Product Name	TRAPPC4 Blocking Peptide (N-term)
Product Gene Name	TRAPPC4 blocking peptide
Product Synonym Gene Name	SBDN
Product Synonym Names	Trafficking protein particle complex subunit 4; Hematopoietic stem/progenitor cell protein 172; Synbindin; TRS23 homolog; TRAPPC4; SBDN
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.
Specificity	The synthetic peptide sequence is selected from aa 69-84 of HUMAN TRAPPC4
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	TRAPPC4 peptide (MBS9228554) is used for blocking the activity of TRAPPC4 antibody (MBS9204014)
Molecular Weight	18,446 Da
OMIM	610971
Cellular Location	Golgi apparatus, cis-Golgi network. Endoplasmic reticulum
Related Product Information for TRAPPC4 blocking peptide	MBS9228554 is a blocking peptide targeting TRAPPC4. Also known as TRAPPC4 Blocking Peptide (N-term). May play a role in vesicular transport from endoplasmic reticulum to Golgi.
Other Notes	Small volumes of TRAPPC4 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 TRAPPC4. It may not necessarily be applicable to this product.

NCBI GI #	20178121
NCBI GeneID	51399
NCBI Accession #	Q9Y296.1
UniProt Primary Accession #	Q9Y296
UniProt Secondary Accession #	A8K3A5; B4DME1
UniProt Related Accession #	Q9Y296
NCBI Official Full Name	Trafficking protein particle complex subunit 4
NCBI Official Synonym Full Names	trafficking protein particle complex 4
NCBI Official Symbol	TRAPPC4
NCBI Official Synonym Symbols	SBDN; TRS23; PTD009; CGI-104; HSPC172; SYNBINDIN
UniProt Protein Name	Trafficking protein particle complex subunit 4
UniProt Synonym Protein Names	Hematopoietic stem/progenitor cell protein 172; Synbindin; TRS23 homolog

Protein Family	Trafficking protein particle complex
UniProt Gene Name	TRAPPC4
UniProt Synonym Gene Names	SBDN
UniProt Entry Name	TPPC4_HUMAN
NCBI Protein Information	trafficking protein particle complex subunit 4
UniProt Comments for TRAPPC4	TRAPPC4: May play a role in vesicular transport from endoplasmic reticulum to Golgi. Belongs to the TRAPP small subunits family. TRAPPC4 subfamily. Protein type: Cell development/differentiation; Vesicle Chromosomal Location of Human Ortholog: 11q23.3 Cellular Component: cytosol; dendrite; Golgi stack; synapse; synaptic vesicle Molecular Function: protein binding; Rab guanyl-nucleotide exchange factor activity Biological Process: COPII coating of Golgi vesicle; dendrite development; ER to Golgi vesicle-mediated transport
Research Articles on TRAPPC4	**1.** Overexpression of TRAPPC4 increased colorectal carcinogenesis.
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