SPNS2 Blocking Peptide

PRODUCT OVERVIEW

Product Name	SPNS2, Blocking Peptide
Full Product Name	SPNS2 Blocking Peptide
Product Gene Name	SPNS2 blocking peptide
Product Synonym Names	Protein spinster homolog 2; Spinster homolog 2 (Drosophila); spinster homolog 2; SPNS 2; SPNS2 protein
Antibody/Peptide Pairs	SPNS2 peptide (MBS9633515) is used for blocking the activity of SPNS2 antibody (MBS9631132)
Molecular Weight	58,044 Da
OMIM	612584
Supply Chain Verification	Manufactured in a lab with traceable raw materials manufactured on site. Coordinated product portfolio of antibodies, pairs, conjugates, recombinant proteins, and immunoassay materials available, please inquire.
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for SPNS2 blocking peptide	MBS9633515 is a blocking peptide targeting SPNS2.
Other Notes	Small volumes of SPNS2 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 SPNS2. It may not necessarily be applicable to this product.

NCBI GI #	71051457
NCBI GeneID	124976
NCBI Accession #	AAH41772
UniProt Primary Accession #	Q8IVW8
UniProt Secondary Accession #	B9A1T3
UniProt Related Accession #	Q8IVW8
NCBI Official Full Name	SPNS2 protein
NCBI Official Synonym Full Names	sphingolipid transporter 2
NCBI Official Symbol	SPNS2
UniProt Protein Name	Protein spinster homolog 2
Protein Family	Protein spinster
UniProt Gene Name	SPNS2
UniProt Entry Name	SPNS2_HUMAN
NCBI Protein Information	protein spinster homolog 2

UniProt Comments for SPNS2	SPNS2: Sphingolipid transporter required for migration of myocardial precursors. Transports sphingosine 1-phosphate (S1P), a secreted lipid mediator that plays critical roles in cardiovascular, immunological, and neural development and function. Mediates the export of S1P from cells in the extraembryonic yolk syncytial layer (YSL), thereby regulating myocardial precursor migration. Belongs to the major facilitator (TC 2.A.1) superfamily. Spinster (TC 2.A.1.49) family. Protein type: Membrane protein, multi-pass; Membrane protein, integral Chromosomal Location of Human Ortholog: 17p13.2 Cellular Component: integral to membrane; lysosomal membrane; vesicle Molecular Function: sphingolipid transporter activity Biological Process: B cell homeostasis; lipid transport; locomotion; lymph node development; regulation of eye pigmentation; regulation of humoral immune response; sphingolipid metabolic process; T cell homeostasis; transmembrane transport
Research Articles on SPNS2	**1.** Spns2 plays key roles in regulating the cellular functions in non-small cell lung cancer (NSCLC) cells
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