VSIR Peptide - N-Terminal Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	VSIR, Blocking Peptide
Full Product Name	VSIR Peptide - N-terminal region
Product Gene Name	VSIR blocking peptide
Product Synonym Gene Name	B7H5; GI24; B7-H5; PD-1H; SISP1; VISTA; PP2135; C10orf54; DD1alpha; VSIR
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	VSIR peptide (MBS3234534) is used for blocking the activity of VSIR antibody (MBS3209578)
Molecular Weight	34kDa
OMIM	615608
Product Categories/Family for VSIR blocking peptide	Peptide
Applications Tested/Suitable for VSIR blocking peptide	Western Blot (WB)
Related Product Information for VSIR blocking peptide	MBS3234534 is a blocking peptide targeting VSIR. Also known as VSIR Peptide - N-terminal region.
Other Notes	Small volumes of VSIR 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 VSIR. It may not necessarily be applicable to this product.

NCBI GI #	62339432
NCBI GeneID	64115
NCBI Accession #	NP_071436
UniProt Primary Accession #	Q9H7M9
UniProt Related Accession #	Q9H7M9
GenBank Nucleotide #	NM_022153
NCBI Official Full Name	V-type immunoglobulin domain-containing suppressor of T-cell activation
NCBI Official Synonym Full Names	V-set immunoregulatory receptor
NCBI Official Symbol	VSIR
NCBI Official Synonym Symbols	B7H5; GI24; B7-H5; PD-1H; SISP1; VISTA; PP2135; C10orf54; DD1alpha
UniProt Protein Name	V-type immunoglobulin domain-containing suppressor of T-cell activation
UniProt Synonym Protein Names	Platelet receptor Gi24

UniProt Gene Name	C10orf54
UniProt Synonym Gene Names	; Sisp-1
UniProt Entry Name	VISTA_HUMAN
NCBI Protein Information	V-type immunoglobulin domain-containing suppressor of T-cell activation
UniProt Comments for VSIR	VISTA: May stimulate MMP14-mediated MMP2 activation Protein type: Membrane protein, integral Chromosomal Location of Human Ortholog: 10q22.1 Cellular Component: cell surface; intercellular junction; plasma membrane Biological Process: cell-cell adhesion
Research Articles on VSIR	**1.** VISTA protein expression in hepatocellular carcinoma showed cell specific and displayed different prognosis
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