VSIG2 Blocking Peptide (C-Term) Blocking Peptide

PRODUCT OVERVIEW

Product Name	VSIG2, Blocking Peptide
Full Product Name	VSIG2 Blocking Peptide (C-term)
Product Gene Name	VSIG2 blocking peptide
Product Synonym Gene Name	CTH; CTXL
Product Synonym Names	V-set and immunoglobulin domain-containing protein 2; Cortical thymocyte-like protein; CT-like protein; VSIG2; CTH; CTXL
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 265-278 of HUMAN VSIG2
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	VSIG2 peptide (MBS9228848) is used for blocking the activity of VSIG2 antibody (MBS9201648)
Molecular Weight	29,829 Da
OMIM	606011
Cellular Location	Membrane; Single-pass type I membrane protein
Tissue Location	Highly expressed in stomach, colon, prostate, trachea and thyroid glands and weakly in bladder and lung
Related Product Information for VSIG2 blocking peptide	MBS9228848 is a blocking peptide targeting VSIG2. Also known as VSIG2 Blocking Peptide (C-term).
Other Notes	Small volumes of VSIG2 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 VSIG2. It may not necessarily be applicable to this product.

NCBI GI #	21361429
NCBI GeneID	23584
NCBI Accession #	NP_055127.2
UniProt Primary Accession #	Q96IQ7
UniProt Secondary Accession #	O95791; Q9NX42
UniProt Related Accession #	Q96IQ7
GenBank Nucleotide #	NM_014312.3
NCBI Official Full Name	V-set and immunoglobulin domain-containing protein 2
NCBI Official Synonym Full Names	V-set and immunoglobulin domain containing 2
NCBI Official Symbol	VSIG2
NCBI Official Synonym Symbols	CTH; CTXL; 2210413P10Rik

UniProt Protein Name	V-set and immunoglobulin domain-containing protein 2
UniProt Synonym Protein Names	Cortical thymocyte-like protein; CT-like protein
Protein Family	V-set and immunoglobulin domain-containing protein
UniProt Gene Name	VSIG2
UniProt Synonym Gene Names	CTH; CTXL; CT-like protein
UniProt Entry Name	VSIG2_HUMAN
NCBI Protein Information	V-set and immunoglobulin domain-containing protein 2
UniProt Comments for VSIG2	VSIG2: 2 isoforms of the human protein are produced by alternative splicing. Protein type: Membrane protein, integral Chromosomal Location of Human Ortholog: 11q24 Cellular Component: integral to plasma membrane; membrane
Research Articles on VSIG2	**1.** Observational study and genome-wide association study of gene-disease association. (HuGE Navigator)
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