CD248 Peptide - Middle Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	CD248, Blocking Peptide
Full Product Name	CD248 Peptide - middle region
Product Gene Name	CD248 blocking peptide
Product Synonym Gene Name	TEM1; CD164L1
Sequence	Synthetic peptide located within the following region: DGISCSPAGA MGAQASQDLG DELLDDGEDE EDEDEAWKAF NGGWTEMPGI
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	CD248 peptide (MBS3246476) is used for blocking the activity of CD248 antibody (MBS3221750)
Molecular Weight	47 kDa
OMIM	606064
Product Categories/Family for CD248 blocking peptide	Peptide
Related Product Information for CD248 blocking peptide	This is a synthetic peptide designed for use in combination with anti- CD248 Antibody, made Target Description: May play a role in tumor angiogenesis.
Other Notes	Small volumes of CD248 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 CD248 purchase	MBS3246476 is a blocking peptide targeting CD248. Also known as CD248 Peptide - middle region. Reactive in Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CD248. It may not necessarily be applicable to this product.

NCBI GI #	9966885
NCBI GeneID	57124
NCBI Accession #	NP_065137.1
UniProt Primary Accession #	Q9HCU0
UniProt Related Accession #	Q9HCU0
GenBank Nucleotide #	NM_020404.2
NCBI Official Full Name	endosialin
NCBI Official Synonym Full Names	CD248 molecule
NCBI Official Symbol	CD248

NCBI Official Synonym Symbols	TEM1; CD164L1
UniProt Protein Name	Endosialin
UniProt Synonym Protein Names	Tumor endothelial marker 1; CD_antigen: CD248
Protein Family	Endosialin
UniProt Gene Name	CD248
UniProt Synonym Gene Names	CD164L1; TEM1
UniProt Entry Name	CD248_HUMAN
NCBI Protein Information	endosialin
UniProt Comments for CD248	CD248: May play a role in tumor angiogenesis. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Membrane protein, integral Chromosomal Location of Human Ortholog: 11q13 Cellular Component: proteinaceous extracellular matrix; cytoplasm; integral to membrane Molecular Function: extracellular matrix binding; calcium ion binding; carbohydrate binding Biological Process: cell migration; positive regulation of cell proliferation; anatomical structure regression; lymph node development
Research Articles on CD248	**1.** These findings identify novel protein interactions involving CLEC14A, CD93 and CD248 with MMRN2 as targetable components of vessel formation
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