OMD Peptide - C-Terminal Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	OMD, Blocking Peptide
Full Product Name	OMD Peptide - C-terminal region
Product Gene Name	OMD blocking peptide
Product Synonym Gene Name	OSAD; SLRR2C
Sequence	Synthetic peptide located within the following region: YYGEQRSTNG QTIQLKTQVF RRFPDDDDES EDHDDPDNAH ESPEQEGAEG
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	OMD peptide (MBS3245146) is used for blocking the activity of OMD antibody (MBS3220345)
Molecular Weight	49 kDa
Product Categories/Family for OMD blocking peptide	Peptide
Applications Tested/Suitable for OMD blocking peptide	Western Blot (WB)
Related Product Information for OMD blocking peptide	MBS3245146 is a blocking peptide targeting OMD. Also known as OMD Peptide - C-terminal region. Reactive in Human.
Other Notes	Small volumes of OMD 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 OMD. It may not necessarily be applicable to this product.

NCBI GI #	4826876
NCBI GeneID	4958
NCBI Accession #	NP_005005.1
UniProt Primary Accession #	Q99983
UniProt Related Accession #	Q99983
GenBank Nucleotide #	NM_005014.2
NCBI Official Full Name	osteomodulin
NCBI Official Synonym Full Names	osteomodulin
NCBI Official Symbol	OMD
NCBI Official Synonym Symbols	OSAD; SLRR2C
UniProt Protein Name	Osteomodulin

UniProt Synonym Protein Names	Keratan sulfate proteoglycan osteomodulin; KSPG osteomodulin; Osteoadherin; OSAD
Protein Family	Osteomodulin
UniProt Gene Name	OMD
UniProt Synonym Gene Names	SLRR2C; KSPG osteomodulin; OSAD
UniProt Entry Name	OMD_HUMAN
NCBI Protein Information	osteomodulin
Research Articles on OMD	**1.** Osteomodulin (OMD) directly binds to type 1 collagen. OMD suppresses formation of collagen fibrils.
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Online datasheet: https://www.mybiosource.com/human-blocking-peptide/omd/3245146