HOXC9 Blocking Peptide

PRODUCT OVERVIEW

Product Name	HOXC9, Blocking Peptide
Full Product Name	HOXC9 Peptide
Product Gene Name	HOXC9 blocking peptide
Product Synonym Gene Name	HOX3; HOX3B
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	HOXC9 peptide (MBS3229283) is used for blocking the activity of HOXC9 antibody (MBS3204316)
Molecular Weight	29kDa
OMIM	142971
Product Categories/Family for HOXC9 blocking peptide	Peptide
Applications Tested/Suitable for HOXC9 blocking peptide	Western Blot (WB)
Related Product Information for HOXC9 blocking peptide	This is a synthetic peptide designed for use in combination with anti-HOXC9 antibody made Target Description: HOXC9 belongs to the homeobox family. The homeobox family is a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms.This gene belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, which are located on different chromosomes and consist of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXC genes located in a cluster on chromosome 12.
Other Notes	Small volumes of HOXC9 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 HOXC9 purchase	MBS3229283 is a blocking peptide targeting HOXC9. Also known as HOXC9 Peptide.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for HOXC9. It may not necessarily be applicable to this product.

NCBI GI #	24497547
NCBI GeneID	3225
NCBI Accession #	NP_008828
UniProt Primary Accession #	P31274
UniProt Related Accession #	P31274
GenBank Nucleotide #	NM_006897
NCBI Official Full Name	homeobox protein Hox-C9

NCBI Official Synonym Full Names	homeobox C9
NCBI Official Symbol	HOXC9
NCBI Official Synonym Symbols	HOX3; HOX3B
UniProt Protein Name	Homeobox protein Hox-C9
UniProt Synonym Protein Names	Homeobox protein Hox-3B
Protein Family	Homeobox protein
UniProt Gene Name	HOXC9
UniProt Synonym Gene Names	HOX3B
UniProt Entry Name	HXC9_HUMAN
NCBI Protein Information	homeobox protein Hox-C9
NCBI Summary for HOXC9	This gene belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, which are located on different chromosomes and consist of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXC genes located in a cluster on chromosome 12. [provided by RefSeq, Jul 2008]
UniProt Comments for HOXC9	HOXC9: Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis. Belongs to the Abd-B homeobox family. Protein type: Transcription factor; DNA-binding Chromosomal Location of Human Ortholog: 12q13.3 Cellular Component: nucleus Molecular Function: sequence-specific DNA binding Biological Process: anterior/posterior pattern formation; regulation of transcription, DNA-dependent; transcription, DNA-dependent; embryonic skeletal morphogenesis
Research Articles on HOXC9	**1.** HOXC9 knockdown inhibited the metastasis and stem cell-like phenotype of GC cells without significant effects on cell proliferation as a direct target of miR-26a.
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