CBX8 Blocking Peptide

PRODUCT OVERVIEW

Product Name	CBX8, Blocking Peptide
Full Product Name	CBX8 Peptide
Product Gene Name	CBX8 blocking peptide
Product Synonym Gene Name	PC3; RC1
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	CBX8 peptide (MBS3227150) is used for blocking the activity of CBX8 antibody (MBS3202166)
Molecular Weight	43kDa
Product Categories/Family for CBX8 blocking peptide	Peptide
Applications Tested/Suitable for CBX8 blocking peptide	Western Blot (WB)
Related Product Information for CBX8 blocking peptide	This is a synthetic peptide designed for use in combination with anti-CBX8 antibody made Target Description: CBX8 is one of the proteins homolog to the Polycomb group (PcG) proteins. They assemble to form large multiprotein complexes involved in gene silencing. Evidence suggests that PcG complexes are heterogeneous with respect to both protein composition and specific function.
Other Notes	Small volumes of CBX8 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 CBX8 purchase	MBS3227150 is a blocking peptide targeting CBX8. Also known as CBX8 Peptide.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CBX8. It may not necessarily be applicable to this product.

NCBI GI #	10190682
NCBI GeneID	57332
NCBI Accession #	NP_065700
UniProt Primary Accession #	Q9HC52
UniProt Related Accession #	Q9HC52
GenBank Nucleotide #	NM_020649
NCBI Official Full Name	chromobox protein homolog 8
NCBI Official Synonym Full Names	chromobox 8
NCBI Official Symbol	CBX8
NCBI Official Synonym Symbols	PC3; RC1
UniProt Protein Name	Chromobox protein homolog 8

UniProt Synonym Protein Names	Polycomb 3 homolog; Pc3; hPc3; Rectachrome 1
Protein Family	Chromobox protein
UniProt Gene Name	CBX8
UniProt Synonym Gene Names	PC3; RC1; Pc3; hPc3
UniProt Entry Name	CBX8_HUMAN
NCBI Protein Information	chromobox protein homolog 8
UniProt Comments for CBX8	CBX8: Component of a Polycomb group (PcG) multiprotein PRC1- like complex, a complex class required to maintain the transcriptionally repressive state of many genes, including Hox genes, throughout development. PcG PRC1 complex acts via chromatin remodeling and modification of histones; it mediates monoubiquitination of histone H2A 'Lys-119', rendering chromatin heritably changed in its expressibility. Protein type: Transcription, coactivator/corepressor Chromosomal Location of Human Ortholog: 17q25.3 Cellular Component: nucleoplasm; heterochromatin; nuclear chromatin; PcG protein complex; nucleus Molecular Function: protein binding; single-stranded RNA binding; ubiquitin-protein ligase activity; methylated histone residue binding Biological Process: transcription, DNA-dependent; histone ubiquitination; negative regulation of transcription from RNA polymerase II promoter
Research Articles on CBX8	**1.** Circular RNA circ_0005230 was proved to be a sponge of miR-618, and expression of miR-618 could regulate CBX8 expression via targeting the 3'UTR of CBX8.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/blocking-peptide/cbx8/3227150