CRISP2 Peptide - C-Terminal Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	CRISP2, Blocking Peptide
Full Product Name	CRISP2 Peptide - C-terminal region
Product Gene Name	CRISP2 blocking peptide
Product Synonym Gene Name	CT36; TPX1; TSP1; GAPDL5; CRISP-2; CRISP2
Sequence	Synthetic peptide located within the following region: LKYYYVCQYC PAGNNMNRKN TPYQQGTPCA GCPDDCDKGL CTNSCQYQDL
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	CRISP2 peptide (MBS3244360) is used for blocking the activity of CRISP2 antibody (MBS3219481)
Molecular Weight	26kDa
OMIM	187430
Product Categories/Family for CRISP2 blocking peptide	Peptide
Related Product Information for CRISP2 blocking peptide	MBS3244360 is a blocking peptide targeting CRISP2. Also known as CRISP2 Peptide - C-terminal region. Reactive in Human.
Other Notes	Small volumes of CRISP2 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 CRISP2. It may not necessarily be applicable to this product.

NCBI GI #	530382514
NCBI GeneID	7180
NCBI Accession #	XP_005249415
UniProt Primary Accession #	P16562
UniProt Related Accession #	P16562
GenBank Nucleotide #	XM_005249358.3
NCBI Official Synonym Full Names	cysteine rich secretory protein 2
NCBI Official Symbol	CRISP2
NCBI Official Synonym Symbols	CT36; TPX1; TSP1; GAPDL5; CRISP-2
UniProt Protein Name	Cysteine-rich secretory protein 2
UniProt Synonym Protein Names	Cancer/testis antigen 36; CT36; Testis-specific protein TPX-1

Protein Family	Cysteine-rich secretory protein
UniProt Gene Name	CRISP2
UniProt Synonym Gene Names	GAPDL5; TPX1; CRISP-2; CT36
UniProt Entry Name	CRIS2_HUMAN
NCBI Protein Information	cysteine-rich secretory protein 2
UniProt Comments for CRISP2	CRISP2: May regulate some ion channels' activity and therebye regulate calcium fluxes during sperm capacitation. Belongs to the CRISP family. Protein type: Cancer Testis Antigen (CTA); Secreted; Secreted, signal peptide Chromosomal Location of Human Ortholog: 6p12.3 Cellular Component: extracellular space
Research Articles on CRISP2	**1.** The integrated network analysis identified BRCA1 and CRISP2 differentially methylated regions (DMR) as the most central disease-associated DNA methylation biomarkers. Moreover, methylation changes at BRCA1 and CRISP2 specific CpG sites were consistently associated with subclinical atherosclerosis measures.
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