CSRNP2 Peptide - C-Terminal Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	CSRNP2, Blocking Peptide
Full Product Name	CSRNP2 Peptide - C-terminal region
Product Gene Name	CSRNP2 blocking peptide
Product Synonym Gene Name	C12orf2; C12orf22; FAM130A1; PPP1R72; TAIP-12
Sequence	Synthetic peptide located within the following region: PAALCKSEVG KTPTLEALLP EDCNPEEPEN EDFHPSWSPS SLPFRTDNEE
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	CSRNP2 peptide (MBS3243255) is used for blocking the activity of CSRNP2 antibody (MBS3218362)
Molecular Weight	59kDa
Product Categories/Family for CSRNP2 blocking peptide	Peptide
Applications Tested/Suitable for CSRNP2 blocking peptide	Western Blot (WB)
Related Product Information for CSRNP2 blocking peptide	This is a synthetic peptide designed for use in combination with anti-CSRNP2 Antibody, made Target Description: The protein encoded by this gene belongs to the CSRNP family of nuclear proteins that share conserved regions, including cysteine- and serine- rich regions, a basic domain, a transcriptional activation domain, and bind the sequence 'AGAGTG', thus have the hallmark of transcription factors. Studies in mice suggest that these genes may have redundant functions. Alternatively spliced transcript variants have been found for this gene.
Other Notes	Small volumes of CSRNP2 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 CSRNP2 purchase	MBS3243255 is a blocking peptide targeting CSRNP2. Also known as CSRNP2 Peptide - C-terminal region. Reactive in Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CSRNP2. It may not necessarily be applicable to this product.

NCBI GI #	13540602
NCBI GeneID	81566
NCBI Accession #	NP_110436
UniProt Primary Accession #	Q9H175
UniProt Related Accession #	Q9H175
GenBank Nucleotide #	NM_030809
NCBI Official Full Name	cysteine/serine-rich nuclear protein 2

NCBI Official Synonym Full Names	cysteine and serine rich nuclear protein 2
NCBI Official Symbol	CSRNP2
NCBI Official Synonym Symbols	C12orf2; PPP1R72; TAIP-12; C12orf22; FAM130A1
UniProt Protein Name	Cysteine/serine-rich nuclear protein 2
UniProt Synonym Protein Names	Protein FAM130A1; TGF-beta-induced apoptosis protein 12
Protein Family	Cysteine/serine-rich nuclear protein
UniProt Gene Name	CSRNP2
UniProt Synonym Gene Names	C12orf22; FAM130A1; TAIP12; CSRNP-2; TAIP-12
UniProt Entry Name	CSRN2_HUMAN
NCBI Protein Information	cysteine/serine-rich nuclear protein 2
NCBI Summary for CSRNP2	The protein encoded by this gene belongs to the CSRNP family of nuclear proteins that share conserved regions, including cysteine- and serine- rich regions, a basic domain, a transcriptional activation domain, and bind the sequence 'AGAGTG', thus have the hallmark of transcription factors. Studies in mice suggest that these genes may have redundant functions. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Aug 2011]
UniProt Comments for CSRNP2	TAIP12: Binds to the consensus sequence 5'-AGAGTG-3' and has transcriptional activator activity. May play a role in apoptosis. Belongs to the AXUD1 family. Chromosomal Location of Human Ortholog: 12q13.11-q13.12 Cellular Component: nucleus Molecular Function: protein binding; sequence-specific DNA binding; transcription factor activity; phosphatase binding Biological Process: transcription, DNA-dependent; apoptosis; positive regulation of transcription from RNA polymerase II promoter
Research Articles on CSRNP2	**1.** Observational study of gene-disease association. (HuGE Navigator)
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