CIR1 Peptide - Middle Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	CIR1, Blocking Peptide
Full Product Name	CIR1 Peptide - middle region
Product Gene Name	CIR1 blocking peptide
Product Synonym Gene Name	CIR
Sequence	Synthetic peptide located within the following region: GRNLTANDPS QEYVASEGEE DPEVEFLKSL TTKQKQKLLR KLDRLEKKKK
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	CIR1 peptide (MBS3226696) is used for blocking the activity of CIR1 antibody (MBS3201689)
Molecular Weight	52kDa
OMIM	605228
Product Categories/Family for CIR1 blocking peptide	Peptide
Applications Tested/Suitable for CIR1 blocking peptide	Western Blot (WB)
Related Product Information for CIR1 blocking peptide	This is a synthetic peptide designed for use in combination with anti-CIR1 Antibody, made Target Description: CIR may modulate splice site selection during alternative splicing of pre-mRNAs. CIR regulates transcription and acts as corepressor for RBPSUH by recruiting RBPSUH to the Sin3-histone deacetylase complex (HDAC). CIR is also required for RBPSUH-mediated repression of transcription.
Other Notes	Small volumes of CIR1 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 CIR1 purchase	MBS3226696 is a blocking peptide targeting CIR1. Also known as CIR1 Peptide - middle region. Reactive in Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CIR1. It may not necessarily be applicable to this product.

NCBI GI #	40068059
NCBI GeneID	9541
NCBI Accession #	NP_004873
UniProt Primary Accession #	Q86X95
UniProt Related Accession #	Q86X95
GenBank Nucleotide #	NM_004882
NCBI Official Full Name	corepressor interacting with RBPJ 1

NCBI Official Synonym Full Names	corepressor interacting with RBPJ, 1
NCBI Official Symbol	CIR1
NCBI Official Synonym Symbols	CIR
UniProt Protein Name	Corepressor interacting with RBPJ 1
UniProt Synonym Protein Names	CBF1-interacting corepressor; Recepin
Protein Family	Corepressor interacting with RBPJ
UniProt Gene Name	CIR1
UniProt Synonym Gene Names	CIR
UniProt Entry Name	CIR1_HUMAN
NCBI Protein Information	corepressor interacting with RBPJ 1
Research Articles on CIR1	**1.** three SNPs (corepressor interacting with RBPJ 1 (CIR1) rs13009079T>C, ribonucleotide reductase M1 (RRM1) rs1465952T>C and solute carrier family 38, member 4 (SLC38A4) rs2429467C>T), may play a role in the pathogenesis of lung cancer
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Online datasheet: https://www.mybiosource.com/human-blocking-peptide/cir1/3226696