ZNF346 Peptide - C-Terminal Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	ZNF346, Blocking Peptide
Full Product Name	ZNF346 Peptide - C-terminal region
Product Gene Name	ZNF346 blocking peptide
Product Synonym Gene Name	JAZ; Zfp346; ZNF346
Sequence	Synthetic peptide located within the following region: TKVEALHQNR EMIDPDKFCS LCHATFNDPV MAQQHYVGKK HRKQETKLKL
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	ZNF346 peptide (MBS3240579) is used for blocking the activity of ZNF346 antibody (MBS3215676)
Molecular Weight	32kDa
OMIM	605308
Product Categories/Family for ZNF346 blocking peptide	Peptide
Related Product Information for ZNF346 blocking peptide	The protein encoded by this gene is a nucleolar, zinc finger protein that preferentially binds to double-stranded (ds) RNA or RNA/DNA hybrids, rather than DNA alone. Mutational studies indicate that the zinc finger domains are not only essential for dsRNA binding, but are also required for its nucleolar localization. The encoded protein may be involved in cell growth and survival. It plays a role in protecting neurons by inhibiting cell cycle re-entry via stimulation of p21 gene expression. Alternative splicing of this gene results in multiple transcript variants.
Other Notes	Small volumes of ZNF346 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 ZNF346 purchase	MBS3240579 is a blocking peptide targeting ZNF346. Also known as ZNF346 Peptide - C-terminal region. Reactive in Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ZNF346. It may not necessarily be applicable to this product.

NCBI GI #	6912440
NCBI GeneID	23567
NCBI Accession #	NP_036411.1
UniProt Primary Accession #	Q9UL40
UniProt Related Accession #	Q9UL40
GenBank Nucleotide #	NM_012279.4
NCBI Official Full Name	zinc finger protein 346 isoform a
NCBI Official Synonym Full Names	zinc finger protein 346

NCBI Official Symbol	ZNF346
NCBI Official Synonym Symbols	JAZ; Zfp346
UniProt Protein Name	Zinc finger protein 346
UniProt Synonym Protein Names	Just another zinc finger protein
Protein Family	Zinc finger protein
UniProt Gene Name	ZNF346
UniProt Synonym Gene Names	JAZ
UniProt Entry Name	ZN346_HUMAN
NCBI Protein Information	zinc finger protein 346
UniProt Comments for ZNF346	ZNF346: Binds to dsRNA and DNA. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Nucleolus Chromosomal Location of Human Ortholog: 5q35.2 Cellular Component: nucleoplasm; cytoplasm; nucleolus; nucleus Molecular Function: protein binding; enzyme binding; zinc ion binding; double-stranded RNA binding Biological Process: positive regulation of apoptosis
Research Articles on ZNF346	**1.** JAZ directly binds E2F1 in vitro in a dsRNA-independent manner, and JAZ's dsRNA binding ZF domains, which are necessary for localizing JAZ to the nucleus, are required for repression of transcriptional activity in vivo.
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/human-blocking-peptide/znf346/3240579