MED26 Peptide - N-Terminal Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	MED26, Blocking Peptide
Full Product Name	MED26 Peptide - N-terminal region
Product Gene Name	MED26 blocking peptide
Product Synonym Gene Name	CRSP7; CRSP70
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	MED26 peptide (MBS3226702) is used for blocking the activity of MED26 antibody (MBS3201695)
Molecular Weight	65kDa
OMIM	605043
Product Categories/Family for MED26 blocking peptide	Peptide
Applications Tested/Suitable for MED26 blocking peptide	Western Blot (WB)
Related Product Information for MED26 blocking peptide	This is a synthetic peptide designed for use in combination with anti-MED26 antibody made Target Description: The activation of gene transcription is a multistep process that is triggered by factors that recognize transcriptional enhancer sites in DNA. These factors work with co-activators to direct transcriptional initiation by the RNA polymerase II apparatus. MED26 is a subunit of the CRSP (cofactor required for SP1 activation) complex, which, along with TFIID, is required for efficient activation by SP1. This protein is also a component of other multisubunit complexes e.g. thyroid hormone receptor-(TR-) associated proteins which interact with TR and facilitate TR function on DNA templates in conjunction with initiation factors and cofactors.The activation of gene transcription is a multistep process that is triggered by factors that recognize transcriptional enhancer sites in DNA. These factors work with co-activators to direct transcriptional initiation by the RNA polymerase II apparatus. The protein encoded by this gene is a subunit of the CRSP (cofactor required for SP1 activation) complex, which, along with TFIID, is required for efficient activation by SP1. This protein is also a component of other multisubunit complexes e.g. thyroid hormone receptor-(TR-) associated proteins which interact with TR and facilitate TR function on DNA templates in conjunction with initiation factors and cofactors. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-261 AC024075.4 20290-20550 c 262-726 AF104253.1 1-465 727-3184 AK128435.1 1414-3871
Other Notes	Small volumes of MED26 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 MED26 purchase	MBS3226702 is a blocking peptide targeting MED26. Also known as MED26 Peptide - N-terminal region.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MED26. It may not necessarily be applicable to this product.

NCBI GI #	28558977
NCBI GeneID	9441
NCBI Accession #	NP_004822

UniProt Primary Accession #	O95402
UniProt Related Accession #	O95402
GenBank Nucleotide #	NM_004831
NCBI Official Full Name	mediator of RNA polymerase II transcription subunit 26
NCBI Official Synonym Full Names	mediator complex subunit 26
NCBI Official Symbol	MED26
NCBI Official Synonym Symbols	CRSP7; CRSP70
UniProt Protein Name	Mediator of RNA polymerase II transcription subunit 26
UniProt Synonym Protein Names	Activator-recruited cofactor 70 kDa component; ARC70; Cofactor required for Sp1 transcriptional activation subunit 7; CRSP complex subunit 7; Mediator complex subunit 26; Transcriptional coactivator CRSP70
Protein Family	Mediator of RNA polymerase II transcription
UniProt Gene Name	MED26
UniProt Synonym Gene Names	ARC70; CRSP7; ARC70
UniProt Entry Name	MED26_HUMAN
NCBI Protein Information	mediator of RNA polymerase II transcription subunit 26
NCBI Summary for MED26	The activation of gene transcription is a multistep process that is triggered by factors that recognize transcriptional enhancer sites in DNA. These factors work with co-activators to direct transcriptional initiation by the RNA polymerase II apparatus. The protein encoded by this gene is a subunit of the CRSP (cofactor required for SP1 activation) complex, which, along with TFIID, is required for efficient activation by SP1. This protein is also a component of other multisubunit complexes e.g. thyroid hormone receptor-(TR-) associated proteins which interact with TR and facilitate TR function on DNA templates in conjunction with initiation factors and cofactors. [provided by RefSeq, Jul 2008]
UniProt Comments for MED26	MED26: Component of the Mediator complex, a coactivator involved in the regulated transcription of nearly all RNA polymerase II-dependent genes. Mediator functions as a bridge to convey information from gene-specific regulatory proteins to the basal RNA polymerase II transcription machinery. Mediator is recruited to promoters by direct interactions with regulatory proteins and serves as a scaffold for the assembly of a functional preinitiation complex with RNA polymerase II and the general transcription factors. Belongs to the Mediator complex subunit 26 family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Transcription, coactivator/corepressor Chromosomal Location of Human Ortholog: 19p13.11 Cellular Component: nucleoplasm; Srb-mediator complex Molecular Function: protein binding; DNA binding; transcription coactivator activity Biological Process: regulation of transcription from RNA polymerase II promoter; transcription initiation from RNA polymerase II promoter; gene expression
Research Articles on MED26	**1.** EAF1 (239-268) and TAF7 (205-235) peptide interactions were both mapped to the same groove formed by H3 and H4 helices of MED26 N-terminal domain.
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/med26/3226702